

**The London School**  
of  
**Economics and Political Science.**  
(UNIVERSITY OF LONDON.)

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**CALENDAR**

**1920-21.**

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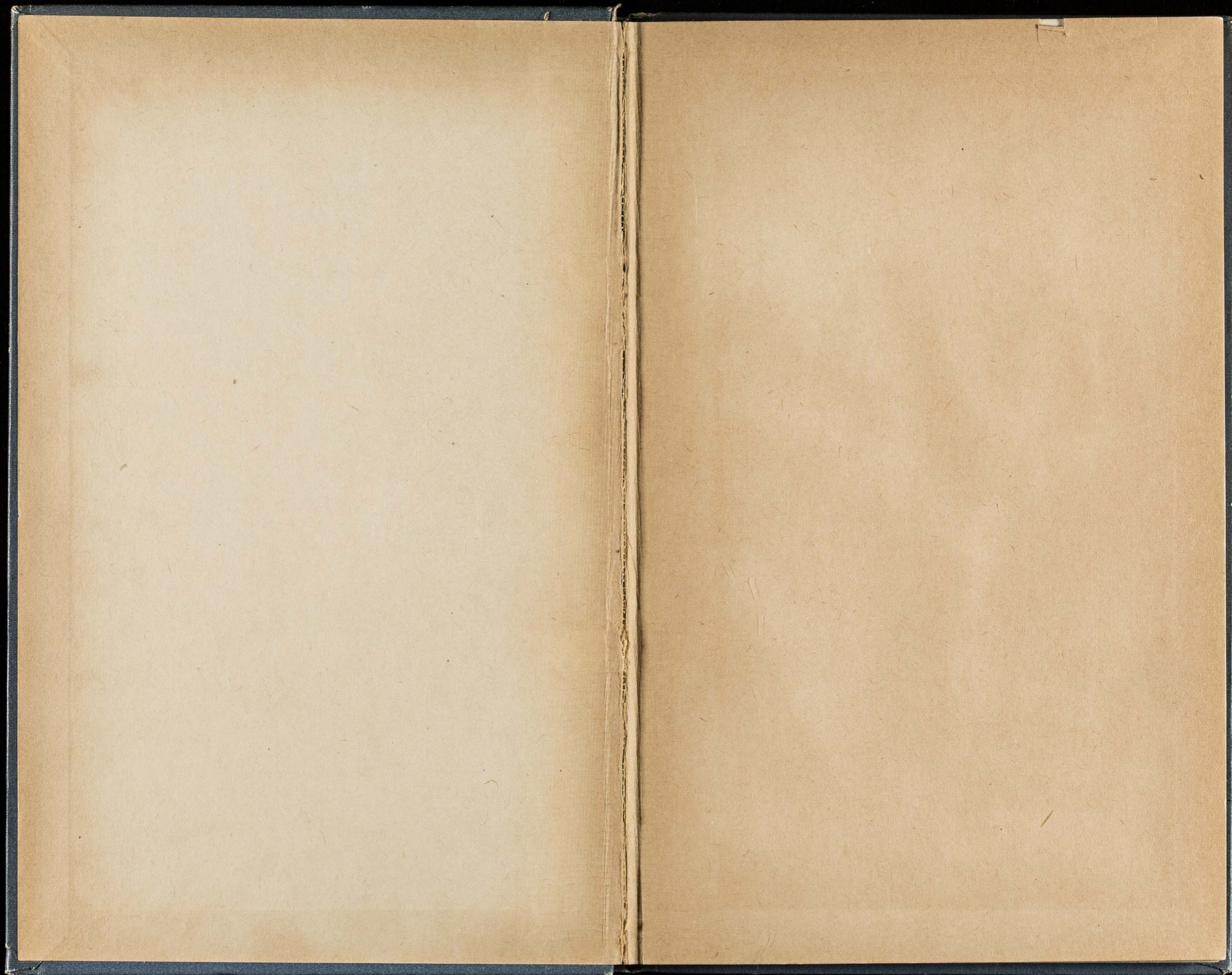
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The London School  
of  
Economics and Political Science  
(University of London).

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Calendar  
For Twenty-sixth Session,  
1920-21.

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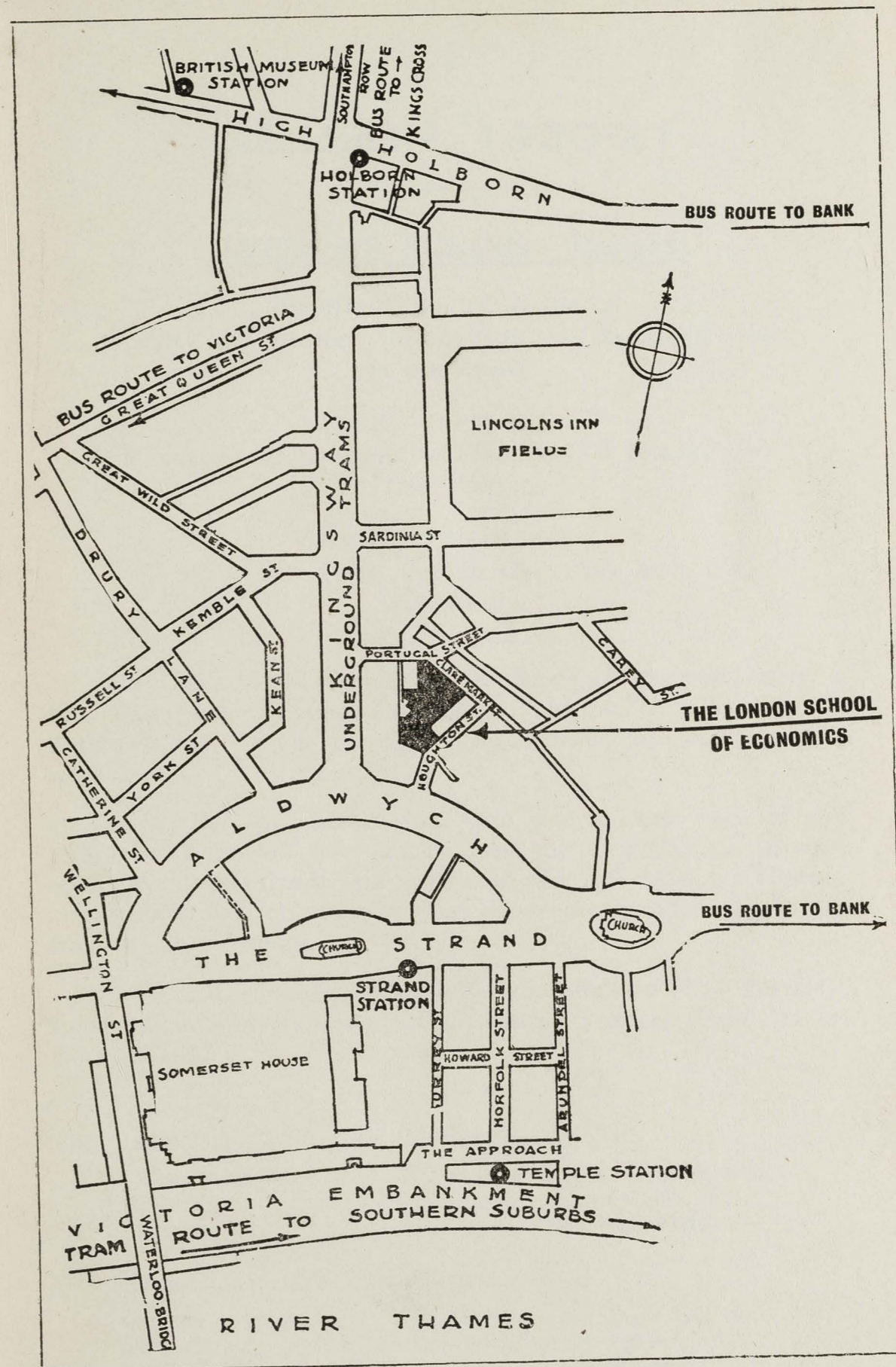
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The London School of Economics and Political Science  
Clare Market, Portugal Street, Kingsway, W.C. 2.  
1920.

Telephone : *Central 6361 and Holborn 5673.*  
Telegrams : *Poleconics, Estrand, London.*

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## SESSION 1920-21

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### DATES OF SCHOOL TERMS:

#### MICHAELMAS TERM (M.T.).

Monday, 4th October, to Friday, 17th December, 1920.  
(Eleven Weeks.)

#### LENT TERM (L.T.).

Monday, 10th January, to Friday, 18th March, 1921.  
(Ten Weeks.)

#### SUMMER TERM (S.T.).

Monday, 25th April, to Monday, 27th June, 1921.  
(Nine Weeks.)

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The Office of the School is open throughout the year, except on the usual public holidays, for general business from 10 to 12 on Saturdays, and 10 a.m. to 5 p.m. (during term, 7.30 p.m.) on other week days.

During the week before each term, and the first week of each term, the Office will be specially open for enrolment of Students until 6 p.m. every day except Saturdays, and until 8 p.m. on Mondays and Fridays. On Saturday in these two weeks the office will be open from 10 a.m. to 1 p.m.

All written enquiries should be addressed to The Secretary, London School of Economics and Political Science, Clare Market, London, W.C. 2.

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#### The UNIVERSITY TERMS for the Session are:—

Michaelmas Term	...	...	7th October to 17th December, 1920.
Lent Term	...	...	13th January to 23rd March, 1921.
Summer Term	...	...	28th April to 29th June, 1921.

#### The INTER-COLLEGIATE LAW TERMS are:—

Michaelmas Term	...	...	4th October to 17th December, 1920.
Lent Term	...	...	12th January to 22nd March, 1921.
Summer Term	...	...	27th April to 28th June, 1921.

**PUBLIC LECTURES.**

The following lectures are open to the public without fee:—

“**Economics as a Liberal Education.**” A lecture by Sir WILLIAM BEVERIDGE, K.C.B., Director of the School, on Monday, 4th October, at 5.30 p.m.

“**Coal as a Factor in International Trade.**” A lecture by Professor SARGENT (Professor of Commerce), on Tuesday, 5th October, at 5 p.m., Sir CYRIL COBB, Chairman of the London Education Committee, in the Chair.

“**The Origin and Growth of English Commercial Law.**” A lecture by Professor H. C. GUTTERIDGE (Sir Ernest Cassel Professor of Commercial and Industrial Law), on Wednesday, 6th October, at 6 p.m.

“**Published Balance Sheets and Accounts.**” A lecture by Professor L. S. DICKSEE (Sir Ernest Cassel Professor of Accountancy and Business Method), on Thursday, 7th October, at 6 p.m.

“**Forms of Industrial Self-Government.**” A course of three lectures by Professor L. T. HOBHOUSE, on Thursdays, 14th, 21st and 28th October, at 6 p.m., Sir WILLIAM BEVERIDGE, K.C.B., in the Chair.

**INTRODUCTION.**

THE LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE, founded in October, 1895, is a School of the University of London, and students of the School who have matriculated are registered as Internal Students of the University, with a view to proceeding to degrees.

The lectures and classes at the School are open also to those who have not matriculated and do not wish to pursue a full University course—in particular to those engaged in banking, accounting, railway and other transport, commerce and industry, to civil servants and municipal officials, to candidates for the consular service, factory inspectorships and other official posts, to teachers and to those engaged in or qualifying for social work. To all these the School affords, by day or evening, the opportunity of specialised or advanced study on particular topics.

The School offers special facilities for post-graduate research, under the supervision of professors or otherwise, and the British Library of Political Science, which is maintained by the School, is open not only to those who are taking courses at the School, but, by permission of the Director, to any person desiring to utilise it for research or consultation.

In the Faculty of Economics the School provides complete Pass and Honours Courses for the degree of B.Sc. (Econ.). It provides also approved courses of study (as required under Statutes 113 and 129 of the University) and research facilities for students proceeding to the higher degrees of M.Sc., D.Sc. and Ph.D.

In the same Faculty, the School provides (apart from modern languages and certain science subjects) a complete course for the recently instituted degree of Bachelor of Commerce (B.Com.). The necessary teaching in modern languages is provided by University College, King's College, and the School of Oriental Studies, and is covered by the inclusive fee.

In the Faculty of Laws the School co-operates with King's College and University College in providing complete Pass and Honours courses for the degree of LL.B., and students registered at any of the three colleges have access to all the necessary lectures wherever given. Students of the School may also proceed to the degree of LL.D.

In the Faculty of Arts, the School provides approved courses in Economics, History, Geography, and Sociology, for the degrees of B.A. and M.A. Students of the School may also proceed in this Faculty to the degrees of Ph.D. and D.Litt.

In the Faculty of Science the School provides approved courses in Cultural Anthropology for the degree of B.Sc.

All the courses necessary for the degrees of B.Sc. (Econ.) and B.Com. are given at hours enabling them to be taken both by day and by evening students. It is possible therefore for those who are occupied by day, and can only devote their evenings to study, to work for these degrees, equally with the day-time students.

The School provides courses also for a number of University diplomas and School certificates. Among these are:—(i) the University Diploma for Journalism, for which courses are provided in conjunction with King's College, University College, and East London College, students registered at any one School having access to all the necessary courses wherever given; (ii) the Academic Diploma in Sociology and Social Science, and the Certificate in Social Science, the courses being arranged in conjunction with the Ratan Tata Department of the University, which is housed at the School; (iii) the Academic Diploma in Geography; (iv) the Commercial Certificate and the Geography Certificate granted by the School itself. Detailed information as to the courses for the various degrees, diplomas and certificates is given on pp. 86-136.

There is, further, a special Railway Department to which nearly all the principal Railway Companies contribute and send students.

A detailed list of the lectures, classes and seminars at the School is given on pp. 27-83. They cover the following among other subjects: Principles of Economics and their application to Social, Industrial and Business Problems; Statistics and Mathematics; Logic and Scientific Method; Commerce and Industry, including Foreign Trade, Banking and Currency, Transport, Tariffs, Accountancy and Business Methods; History, including the economic development of the Great Powers and of the Empire; Geography; Commercial, Industrial and Constitutional Law; International Law; Politics and Public Administration; Sociology; Ethnology; and Social Science and Administration.

The fees payable to the School include a subscription to the Students' Union, which provides common rooms, athletic sports, and a lending library, publishes a periodical journal and arranges debates and discussions from time to time. The Union has recently obtained a playing field of nine acres near Alperton.

Dunford House, a country mansion with an estate of about 160 acres, formerly owned by Richard Cobden, has recently been presented to the School, and is available for holidays, private study and vacation courses for the staff and students of the School and others admitted by the School authorities. It is also available for conferences to be arranged by educational and other associations. The estate is situated near Midhurst, about 60 miles from London in one of the most beautiful parts of Sussex.

The general growth of the School and the institution of the Commerce degree have necessitated a very large increase in the accommodation. A new building has been begun, and the foundation stone of this was laid by H.M. the King on 23th May, 1920. It is hoped that the first part of the new building will be opened early in 1921 (see pp. 151 and 152).

The School is incorporated as a company limited by guarantee and without power of taking profits. It is controlled by a Court of

Governors, of which Sir Arthur Steel Maitland, Bart., M.P., is Chairman, and the Hon. Sir John Cockburn, K.C.M.G., is Vice-Chairman. The names of the Governors and of the teaching and administrative staff of the school are given on pp. 165-172.

The number of Professors, Readers, and Lecturers on the staff of the School and of the Ratan Tata Department is forty, while there are some sixteen other Lecturers and assistants taking part in its work.

The total number of students registered during the Session 1919-20 was 3,016 (2,061 men and 955 women). Of these 922 were regular students taking full day or evening courses (including 242 candidates for the B.Sc. (Econ.) degree, 132 for the B.Com. and 259 in the Ratan Tata Department), while 2,094 were occasional students (including 635 in the Railway Department). There were 469 undergraduate students of the University of London and 421 graduates of that University or other Universities. The number of students from countries other than the British Isles was 291, representing some 30 Dominions or independent States.

The School is open on the same terms to men and to women.

## ADMISSION OF STUDENTS AND FEES.

1. Students are classified as Regular, Occasional and Research Students. Regular Students are those paying any of the composition fees set out below for a full course of study, by day or evening; Occasional Students are those who attend one or more separate courses of lectures only; Research Students are those paying the research fee.

2. Application to join the School, whether as a Regular, Occasional or Research Student, must be made on the proper form, to be obtained from the Secretary.

*Regular Students* are required to enrol in person before the beginning of the Session for which they enrol. The office of the School will be open for this purpose, and for payment of fees, during the week before each term, at the times stated on the first page of the Calendar, and all regular courses must be arranged and fees paid either before or during that week. In order to avoid disappointment, students desiring to come to London from abroad to work for a higher degree under Statute 113 should give notice of their desire at least five months in advance; that is to say, before the end of April, if they wish to commence in the following October.

*Occasional Students* should send in their applications and pay their fees, personally or by post, if possible before the beginning of the term in which the lecture or class which they wish to join begins, and, at latest, two clear days before the first meeting of that lecture or class.

*Research Students* may be admitted at any time.

3. No person will be admitted as a student under eighteen years of age. Exception is made only for persons who have already matriculated at the University of London after passing the Matriculation Examination, or obtaining exemption from it.

4. Students intending to follow a course for a first degree (such as the B.Sc. (Econ.), B.Com., LL.B. or B.A.) must either have passed the London Matriculation Examination or have obtained exemption from it under the University Regulations. War Service entitles to certain special concessions. Further information as to these and as to matriculation requirements generally may be obtained from the External Registrar, The University of London, South Kensington, S.W.7.

5. Students intending to follow a course for a higher degree must produce evidence of their graduation at an approved university with a degree implying study up to the standard of a first degree in the faculty in which they wish to proceed.

6. Research students who have not graduated at a university will be admitted subject to the approval of the Director.

7. Other students may be requested to give such evidence of sufficient general education as the Director may require.

8. Students whose mother-tongue is not English will be admitted only on showing sufficient proficiency in English to enable them to follow the lectures intelligently. All such students desiring to take the degrees of B.Sc. or B.Com. will (unless specially exempted by the Director) be required during their first session to attend the Tutorial Classes for Foreign Students in the subjects of the Intermediate examination. If and when the tutor reports that any such student is not in need of special assistance, he will be exempted from further attendance at the Tutorial Classes, and a part of the special fee paid therefor will be returned to him.

9. All cheques should be made payable to the Secretary, and crossed "London County Westminster and Parr's Bank."

### TABLE OF FEES.

NOTE :—(1) The sessional and terminal fees named below must be paid in full in each case in the beginning of the session or term to which they relate.

(2) The Composition Fees include a Students' Union subscription, entitling to full membership and privileges. The Course and Research Fees include a Students' Union subscription giving partial privileges only (see pp. 155 and 156).

(3) The fees stated are for teaching, including advice on studies. Additional fees are required for the examinations.

#### COMPOSITION FEES.

**For the B.Sc. (Econ.)** Normal day period, 3 sessions (p. 91).

Day students: Sessional, £22 1s.; Terminal, £8 8s.

Evening students: Sessional, £12 12s.; Terminal, £4 14s. 6d.

Additional fee for Foreign Students' Tutorial Classes, if required (par. 8 above):  
Sessional, £10 10s.; Term, £4 4s.

The day student's fee includes payment for two hours of instruction per week throughout the session in French and German at King's College.

The evening student's fee does not cover any teaching in languages.

If a course which, by day, would normally be taken in one session, is spread over two or more sessions of evening work, a further fee of £3 3s. must be paid at the beginning of the second and each subsequent session. The further fee does not allow the repetition of a course of lectures already taken, but gives full Union privileges over the new session.

**For the B.Com.** Normal day period, 3 sessions (p. 102).

Day students: Sessional, £22 1s.; Terminal, £8 8s.

Evening students: Sessional, £14 14s.; Terminal, £5 15s. 6d.

Additional fee for Foreign Students' Tutorial Class, if required (par. 8 above):  
Sessional, £10 10s.; Terminal, £4 4s.

These fees cover all the subjects (including modern languages) for which teaching is available, other than the optional science subjects at the Intermediate Examination (Chemistry, Physics, Geology, Botany) and Applied Mathematics.



Students taking any of these subjects will pay a reduced composition fee (£17 17s. day, or £11 11s. evening) *plus* the fee required for the subject chosen by them. Additional fees may also be required for some of the groups in Part II. of the Final Examination.

If a course, which, by day would normally be taken in one session, is spread over two or more evening sessions, a further fee of £3 3s. must be paid at the beginning of the second and each subsequent session. This further fee does not allow the repetition of a course of lectures already taken, but gives full Union privileges over the new session.

**For the LL.B.** Normal period, 3 sessions (p. 114).

Sessional, £18 18s.; Terminal, £7 7s.

These fees admit to the LL.B. intercollegiate courses held at the London School of Economics, University College, and King's College. They entitle the student to Common Room privileges at the two other colleges as well as to full Students' Union privileges at the School.

**For the Academic Diploma in Geography.** (p. 134.)

Sessional, £18 18s.; Terminal, £7 7s.

If the course is spread over two sessions a further fee of £3 3s. must be paid at the beginning of the second session.

These fees admit also to the necessary lectures at University College.

**For the Geography Certificate.** (p. 135.)

For the course, £15 15s.; Terminal, £6 6s.

**For the Commercial Certificate.** Normal period, two sessions (p. 135). Day students: Sessional, £22 1s.; Terminal, £8 8s.

Evening students: Sessional, £14 14s.; Terminal, £5 15s. 6d.

These fees admit also to the necessary teaching in modern languages.

**For the Academic Diploma in Sociology and Social Science or the Certificate in Social Science and Administration** (Ratan Tata Department). Normal period, two sessions (p. 132).

Sessional, £22 1s.; Terminal, £8 8s.

These fees are treated as general composition fees, admitting to all lectures and classes at the School, whether given in the Ratan Tata Department or not.

**For the Diploma for Journalism.** Normal period, two sessions (p. 131). Sessional, £29 8s.

This fee, which is paid at the University, South Kensington, S.W., admits to the necessary lectures at any of the colleges concerned, and gives full Students' Union and Common Room privileges at the School at which the student is registered.

**For a Higher Degree in the Faculty of Economics, viz.:— M.Sc., Ph.D., or D.Sc.** (under Statutes 113 and 129).

Prepaid for two sessions, £16 16s.

If paid sessionally, ... £11 11s. in each session.

If paid terminally, ... £5 5s. in each term.

Statute 113 relates to the admission to higher degrees of graduates of other Universities, and Statute 129 to the admission of graduates of the University of London to higher degrees in a Faculty other than that in which they graduated, or of external students to higher internal degrees. Internal students who have taken a first degree in the Faculty of Economics (B.Sc.Econ.) may proceed to a higher degree in the same Faculty (M.Sc., Ph.D., D.Sc.) without attending any approved instruction course, and may obtain guidance in their studies at the School by payment of the Research Fee mentioned below.

**For a Higher Degree in the Faculty of Laws, viz., Ph.D., or LL.D.; or in the Faculty of Arts, viz., M.A., Ph.D., or D.Litt.**

Prepaid for 2 sessions, £16 16s.

If paid sessionally, ... £11 11s. in each session.

If paid terminally, ... £5 5s. in each term.

**General Composition Fee:—**

Sessional, £22 1s.; Terminal, £8 8s.

This fee covers all lectures and classes at the School other than the special tutorial classes of the Ratan Tata Department.

#### COURSE AND RESEARCH FEES.

The fee for each separate course is given in the general list of lectures, classes and seminars beginning at page 28.

The Research Fee entitling the student to attend any seminar to which he is admitted by the teacher in charge, or to receive individual guidance from a teacher, is £3 3s. in all cases (p. 137).

**GENERAL TIME-TABLE OF  
LECTURES, CLASSES AND SEMINARS,**

1920-21.

**MICHAELMAS TERM.**

Time.	Short Title.	Lecturer.	No. of Course.	Date of beginning.
<b>Monday:</b>				
11.0 a.m.	Social Philosophy .. ..	Miss CHRISTIE ..	154	4th Oct.
11.0 ..	Accounts I. .. ..	Prof. DICKSEE ..	1	" "
11.0 ..	Introduction to the Study of Society .. ..	Prof. HOBHOUSE ..	170	" "
12.0 noon	Accounts I. (Class) .. ..	Prof. DICKSEE ..	1	11th "
12.0 ..	Organisation of Industry ..	Mr. DALTON & Mr. DRUMMOND-SMITH ..	24	4th "
12.0 ..	Social Philosophy (Class) ..	Miss CHRISTIE ..	154	" "
12.0 ..	Introduction to the Study of Society (Class) .. ..	Prof. HOBHOUSE ..	170	" "
2.30 p.m.	Comparative Public Administration .. ..	Mr. FINER ..	140	" "
3.0 ..	Applied Social Philosophy ..	Prof. HOBHOUSE ..	173	" "
3.0 ..	Machinery of Government ..	Mr. ATTLEE ..	153	" "
3.30 ..	International Law (Peace) ..	Prof. PEARCE HIGGINS	110	" "
3.45 ..	Economic Organisation of Russia .. ..	Baron MEYENDORFF	34	" "
4.30 ..	International Law (Peace) (Class) ..	Prof. PEARCE HIGGINS	110	" "
4.45 ..	Economic Organisation of Russia (Class) .. ..	Baron MEYENDORFF	34	" "
6.0 ..	Logic .. ..	Dr. WOLF ..	120	" "
6.0 ..	Accounts I. .. ..	Prof. DICKSEE ..	1	" "
6.0 ..	Commercial Law, Part II. ..	Mr. PAGE ..	102	" "
6.0 ..	Industrial Law .. ..	Prof. GUTTERIDGE	100	" "
6.0 ..	Government Finance .. ..	Mr. DALTON ..	25	11th "
6.0 ..	*World History .. ..	Prof. HEARNshaw & Mr. TOYNBEE ..	80	4th "
6.0 ..	Economic History from 1485 ..	Mr. TAWNEY ..	87	" "
6.0 ..	Statistical Investigation (alternate weeks) .. ..	Prof. BOWLEY ..	189	11th "
6.15 ..	Constitutional Law, Part I. ..	Dr. BELLOT ..	105	4th "
7.0 ..	Accounts I. (Class) .. ..	Prof. DICKSEE ..	1	11th "
7.0 ..	Economic History from 1485 (Class) .. ..	Mr. TAWNEY ..	87	4th "
7.0 ..	Industrial Law (Class) .. ..	Prof. GUTTERIDGE	100	" "
7.0 ..	Commercial Law, Part II. (Class) ..	Mr. PAGE ..	102	" "
7.0 ..	Logic (Class) .. ..	Dr. WOLF ..	120	" "
7.15 ..	Organisation of Industry ..	Mr. DALTON ..	24	" "
7.15 ..	Constitutional Law, Part I. (Class) ..	Dr. BELLOT ..	105	" "

\* The five lectures on World History from 11th October to 8th November inclusive, will be given at 7.15 instead of 6 p.m.

Time.	Short Title.	Lecturer.	No. of Course.	Date of beginning.
<b>Tuesday:</b>				
10.45 a.m.	Industrial Structure and Problems .. ..	Mr. LLOYD ..	151	5th Oct.
10.45 ..	History of Political Ideas ..	Mr. LASKI ..	144	" "
10.45 ..	Commercial Geography .. ..	Mr. RODWELL JONES	60	" "
10.45 ..	Geography .. ..	Mrs. ORMSBY ..	61	" "
10.45 ..	Currency and Banking .. ..	Prof. FOXWELL ..	11	" "
12.0 noon	British Foreign Trade .. ..	Mr. GREGORY ..	20	" "
12.0 ..	Social History .. ..	Prof. URWICK & Miss KEYSER ..	152	" "
12.0 ..	Social Economics .. ..	Prof. URWICK & Miss CHRISTIE ..	155	" "
12.0 ..	Principles of Economics ..	Prof. CANNAN ..	42	" "
12.0 ..	Economic Development of the Empire .. ..	Mr. JOYNT ..	86	" "
2.0 p.m.	The Arabs .. ..	Prof. SELIGMAN ..	51	" "
2.30 ..	Geography (Class) .. ..	Mrs. ORMSBY ..	61	" "
3.0 ..	The Arabs (Class) .. ..	Prof. SELIGMAN ..	51	" "
3.0 ..	Social Philosophy .. ..	Prof. HOBHOUSE ..	171	" "
3.0 ..	Economic Theory (Special Class) ..	Prof. CANNAN ..	43	" "
3.0 ..	Class for Club Workers ..	(Miss ECKHARD & Mrs. BARTON	158	" "
4.0 ..	Class for Club Workers ..	Mrs. BARTON	158	" "
4.0 ..	Social Philosophy (Class) ..	Prof. HOBHOUSE ..	171	" "
4.30 ..	Commercial Geography (Class) ..	Mr. BRYAN ..	60	" "
4.45 ..	Social Developments from 1760 ..	Mr. TAWNEY ..	156	" "
6.0 ..	Statistical Method .. ..	Prof. BOWLEY ..	182	" "
6.0 ..	Principles of Economics ..	Prof. CANNAN ..	42	" "
6.0 ..	The British Empire .. ..	Prof. WALLAS ..	138	" "
6.0 ..	History of Currency and Banking ..	Prof. FOXWELL ..	14	" "
6.0 ..	Economic History .. ..	Dr. KNOWLES ..	81	" "
6.0 ..	Citizenship .. ..	Mr. LEES SMITH ..	143	" "
6.0 ..	Commercial Railway Economics ..	Mr. STEPHENSON ..	191	12th "
7.0 ..	Economic Theory (for Teachers) ..	Mr. DRUMMOND-SMITH ..	41	5th "
7.15 ..	Currency and Banking .. ..	Prof. FOXWELL ..	11	" "
7.15 ..	Railway Operating .. ..	Mr. BURTT ..	197	" "
7.15 ..	Commerce and Colonisation ..	Dr. KNOWLES ..	83	" "
7.15 ..	British Constitution .. ..	Mr. LEES SMITH ..	131	" "
8.0 ..	Commercial Geography (for Teachers) .. ..	Mr. RODWELL JONES ..	62	" "
8.15 ..	Elements of Industrial Organisation .. ..	Mr. DRUMMOND-SMITH ..	22	" "
<b>Wednesday:</b>				
9.45 a.m.	Health of the Worker .. ..	Dr. CHODAK GREGORY ..	157	6th Oct.
10.45 ..	Industry .. ..	Dr. KNOWLES ..	81	" "
10.45 ..	Statistical Method .. ..	Prof. BOWLEY ..	182	" "
10.45 ..	Political Position of the Great Powers .. ..	Mr. LASKI ..	85	" "
12.0 noon	Social Science (Introductory) ..	Prof. URWICK ..	150	" "
12.0 ..	Elements of Industrial Organisation .. ..	Mr. DRUMMOND-SMITH ..	22	" "
12.0 ..	Commerce and Colonisation ..	Dr. KNOWLES ..	83	" "
12.0 ..	Raw Materials of Industry and Trade .. ..	Prof. SARGENT ..	28	" "
2.0 p.m.	Ethnology .. ..	Prof. SELIGMAN ..	50	" "

Time.	Short Title.	Lecturer.	No. of Course.	Date of beginning.
<b>Wednesday</b> (continued):				
3.0 p.m.	Seminar for Diploma Students..	Prof. URWICK and Miss CHRISTIE	160	6th Oct.
3.0 ..	Detailed Geography of Europe ..	Mrs. ORMSBY ..	68	" "
6.0 ..	Historical Geography .. ..	Sir H. J. MACKINDER	70	" "
6.0 ..	Economic Position of the Great Powers .. ..	Dr. KNOWLES ..	84	" "
6.0 ..	Commercial Geography .. ..	Mr. RODWELL JONES	60	" "
6.0 ..	Geography .. ..	Mrs. ORMSBY ..	61	" "
6.0 ..	Law of Carriage by Railway ..	Mr. BALL ..	114	" "
6.15 ..	Business Organisation .. ..	Prof. DICKSEE ..	3	" "
7.0 ..	Commercial Geography (Class)	Mr. BRYAN ..	60	" "
7.0 ..	Geography (Class) .. ..	Mrs. ORMSBY ..	61	" "
7.15 ..	Political Position of the Great Powers .. ..	Mr. LASKI ..	85	" "
7.15 ..	Railway Rate-making .. ..	Mr. BURTT ..	199	" "
7.15 ..	Economic Development of the Empire .. ..	Mr. JOYNT ..	86	" "
<b>Thursday:</b>				
10.45 a.m.	Economic Position of the Great Powers .. ..	Dr. KNOWLES ..	84	7th Oct.
10.45 ..	Political Position of the Great Powers (Class) .. ..	Mr. LASKI ..	85	" "
11.0 ..	Trade of South America .. ..	Prof. SARGENT ..	33	" "
11.0 ..	Mathematics—Elementary .. ..	Mr. CURWEN ..	181	" "
11.0 ..	Logic .. ..	Dr. WOLF ..	120	" "
12.0 noon	Logic (Class) .. ..	Dr. WOLF ..	120	" "
12.0 ..	Mathematics—Elementary .. ..	Mr. CURWEN ..	181	" "
12.0 ..	Government Finance .. ..	Mr. DALTON ..	25	14th
12.0 ..	General Statistics .. ..	Prof. BOWLEY ..	184	7th
12.0 ..	Central Government .. ..	Mr. LEES SMITH ..	132	" "
12.0 ..	Trade of South America (Class)	Prof. SARGENT ..	33	" "
2.30 p.m.	Foreign Trade (Class) .. ..	Prof. SARGENT ..	30	" "
2.30 ..	Central Government (Class alternate weeks) .. ..	Mr. FINER ..	132	" "
6.0 ..	General Statistics .. ..	Prof. BOWLEY ..	184	" "
6.0 ..	Citizenship (1st Course) .. ..	Mr. LEES SMITH ..	—	" "
6.0 ..	Currency and Prices .. ..	Prof. FOXWELL ..	13	" "
6.0 ..	British Foreign Trade .. ..	Mr. GREGORY ..	20	" "
6.0 ..	Elements of Commercial Law, Part I. .. ..	Prof. GUTTERIDGE ..	103	" "
6.0 ..	Public Administration .. ..	Prof. GRAHAM WALLAS ..	133	" "
7.0 ..	Economic Theory for Teachers (1st course)	Mr. DRUMMOND-SMITH	—	" "
7.15 ..	Trade of South America .. ..	Prof. SARGENT ..	33	" "
7.15 ..	Central Government .. ..	Mr. LEES SMITH ..	132	" "
7.15 ..	Financing of Industry .. ..	Mr. GREGORY ..	26	" "
7.15 ..	Elements of Economics .. ..	Mr. DALTON ..	40	" "
7.15 ..	History of Political Ideas .. ..	Mr. LASKI ..	144	" "
7.15 ..	Advanced Statistics .. ..	Prof. BOWLEY ..	185	" "
7.15 ..	Advanced Mathematics .. ..	Mr. CURWEN ..	187	" "

Time.	Short Title.	Lecturer.	No. of Course.	Date of beginning.
<b>Thursday</b> (continued):				
8.0 p.m.	Geography for Teachers (1st course) .. ..	Mr. RODWELL JONES	—	7th Oct.
8.15 ..	Elements of Economics (Class)	Mr. DALTON ..	40	" "
8.15 ..	Central Government (Class) [alternate weeks] .. ..	Mr. FINER ..	132	" "
8.15 ..	Public Administration (Class) [alternate weeks] .. ..	Mr. FINER ..	133	14th ..
<b>Friday:</b>				
10.45 a.m.	International Trade .. ..	Prof. SARGENT ..	29	8th Oct.
10.45 ..	Elements of Economics .. ..	Mr. DALTON ..	40	" "
12.0 noon	British Constitution .. ..	Mr. LEES SMITH ..	131	" "
12.0 ..	Accounting (for Consuls) .. ..	Prof. DICKSEE ..	5	" "
2.30 p.m.	Elements of Economics (Class) ..	Mr. DALTON ..	40	" "
3.0 ..	Map Class in Geography .. ..	Mr. RODWELL JONES and Mrs. ORMSBY	63	" "
4.30 ..	International Law (for Consuls)	Prof. PEARCE-HIGGINS	112	15th ..
4.45 ..	Economic Theory (Special Class)	Prof. CANNAN ..	43	8th ..
5.0 ..	Geography Seminar .. ..	Prof. SARGENT ..	74	" "
5.0 ..	General Economics of Transport	Mr. STEPHENSON ..	193	" "
5.45 ..	Economic Theory (Special Class)	Prof. CANNAN ..	43	" "
6.0 ..	Industrial & Commercial History	Mr. DRUMMOND-SMITH	82	" "
6.0 ..	Accounts II. .. ..	Mr. DE PAULA ..	2	" "
6.0 ..	Commercial Law Part I. .. ..	Mr. PAGE ..	101	" "
6.0 ..	Mathematics—Elementary .. ..	Mr. CURWEN ..	181	" "
6.15 ..	Railways in Relation to the State	Mr. BURTT ..	198	" "
6.15 ..	Detailed Geography of North America .. ..	Mr. RODWELL JONES	66	" "
6.15 ..	Constitutional Law Part II. ..	Dr. BELLOT ..	106	" "
7.0 ..	Mathematics—Elementary .. ..	Mr. CURWEN ..	181	" "
7.0 ..	Commercial Law Part I. (Class)	Mr. PAGE ..	101	" "
7.0 ..	Accounts II. (Class) .. ..	Mr. DE PAULA ..	2	15th ..
7.0 ..	International Law—War (Class)	Prof. PEARCE-HIGGINS	111	" "
7.15 ..	World History .. ..	Prof. HEARNshaw and Mr. TOYNBEE	80	8th ..
7.15 ..	Constitutional Law Part II. (Class) .. ..	Dr. BELLOT ..	106	" "
7.30 ..	Operating Railway Economics ..	Mr. STEPHENSON ..	192	" "
8.0 ..	International Law—War .. ..	Prof. PEARCE-HIGGINS	111	" "
<b>Saturday:</b>				
11.0 a.m.	Map Class in Geography .. ..	Mr. RODWELL JONES and Mrs. ORMSBY	64	9th Oct.

**GENERAL TIME-TABLE OF  
LECTURES, CLASSES AND SEMINARS,  
1920-21.**

**LENT TERM.**

Time.	Short Title.	Lecturer.	No. of Course.	Date of beginning.
<b>Monday :</b>				
11.0 a.m.	Social Philosophy .. ..	Miss CHRISTIE ..	154	10th Jan.
11.0 ..	Accounts I. .. ..	Prof. DICKSEE ..	1	" "
11.0 ..	Introduction to the Study of Society .. ..	Prof. HOBHOUSE ..	170	" "
12.0 noon	Organisation of Industry ..	Mr. DALTON & Mr. DRUMMOND-SMITH ..	24	" "
12.0 ..	Accounts I. (Class) .. ..	Prof. DICKSEE ..	1	" "
12.0 ..	Social Philosophy (Class) ..	Miss CHRISTIE ..	154	" "
12.0 ..	Introduction to the Study of Society (Class) .. ..	Prof. HOBHOUSE ..	170	" "
2.30 p.m.	Comparative Public Administration .. ..	Mr. FINER ..	140	" "
3.0 ..	Applied Social Philosophy ..	Prof. HOBHOUSE ..	173	" "
3.0 ..	Machinery of Government ..	Mr. ATTLEE ..	153	" "
3.30 ..	International Law (Peace) ..	Prof. PEARCE HIGGINS ..	110	" "
4.30 ..	International Law (Peace) (Class) .. ..	Prof. PEARCE HIGGINS ..	110	" "
5.0 ..	Use of Instruments .. ..	Mr. BRYAN and Mr. MONTGOMERIE ..	65	" "
6.0 ..	Logic .. ..	Dr. WOLF ..	120	" "
6.0 ..	Accounts I. .. ..	Mr. DE PAULA ..	1	" "
6.0 ..	Commercial Law, Part II. ..	Prof. GUTTERIDGE ..	102	17th ..
6.0 ..	World History .. ..	— ..	80	10th ..
6.0 ..	Statistical Investigation (alternate weeks)	Prof. BOWLEY ..	189	" "
6.0 ..	Organisation of Transport ..	Mr. STEPHENSON ..	190	" "
6.0 ..	Economic History from 1485 ..	Mr. TAWNEY ..	87	" "
6.15 ..	Constitutional Law, Part I. ..	Dr. BELLOT ..	105	" "
7.0 ..	Economic History from 1485 (Class) .. ..	Mr. TAWNEY ..	87	" "
7.0 ..	Accounts I. (Class) .. ..	Prof. DICKSEE ..	1	" "
7.0 ..	Commercial Law, Part II. (Class)	Prof. GUTTERIDGE ..	102	" "
7.0 ..	Logic (Class) .. ..	Dr. WOLF ..	120	" "
7.15 ..	Organisation of Industry ..	Mr. DRUMMOND-SMITH ..	24	" "
7.15 ..	Constitutional Law, Part I. (Class)	Dr. BELLOT ..	105	" "
<b>Tuesday :</b>				
10.45 a.m.	Industrial Structure and Problems .. ..	Mr. LLOYD ..	151	11th Jan.
10.45 ..	Commercial Geography .. ..	Mr. RODWELL JONES ..	60	" "
10.45 ..	Geography .. ..	Mrs. ORMSBY ..	61	" "
10.45 ..	History of Political Ideas ..	Mr. LASKI ..	144	" "
10.45 ..	Currency and Banking .. ..	Prof. FOXWELL ..	11	" "

Time.	Short Title.	Lecturer.	No. of Course.	Date of beginning.
<b>Tuesday (continued) :</b>				
12.0 noon	British Foreign Trade (Special Aspects) .. ..	Mr. GREGORY ..	21	11th Jan.
12.0 ..	Social History .. ..	Prof. URWICK and Miss KEYSER ..	152	" "
12.0 ..	Social Economics .. ..	Prof. URWICK and Miss CHRISTIE ..	155	" "
12.0 ..	Principles of Economics ..	Prof. CANNAN ..	42	" "
12.0 ..	Economic Development of the Empire .. ..	Mr. JOYNT ..	86	" "
2.0 p.m.	The Art of Savage People ..	Prof. SELIGMAN ..	52	" "
2.30 ..	Geography (Class) .. ..	Mrs. ORMSBY ..	61	" "
2.30 ..	Introduction to Statistics ..	Prof. BOWLEY ..	180	" "
3.0 ..	The Art of Savage People (Class)	Prof. SELIGMAN ..	52	" "
3.0 ..	Comparative and Social Psychology .. ..	Prof. HOBHOUSE ..	172	" "
3.0 ..	Economic Theory (Special Class)	Prof. CANNAN ..	43	" "
3.0 ..	Class for Club Workers .. ..	Miss ECKHARD ..	158	" "
3.30 ..	Introduction to Statistics (Class)	Prof. BOWLEY ..	180	" "
4.0 ..	Class for Club Workers .. ..	Miss ECKHARD ..	158	" "
4.0 ..	Local Government .. ..	Mr. LEES SMITH ..	130	" "
4.0 ..	Comparative and Social Psychology (Class) .. ..	Prof. HOBHOUSE ..	172	" "
4.30 ..	Commercial Geography (Class)	Mr. BRYAN ..	60	" "
4.45 ..	Social Developments from 1760	Mr. TAWNEY ..	156	" "
6.0 ..	Statistical Method .. ..	Prof. BOWLEY ..	182	" "
6.0 ..	The British Empire .. ..	Prof. GRAHAM WALLAS ..	138	" "
6.0 ..	Tariffs .. ..	Mr. GREGORY ..	31	" "
6.0 ..	Principles of Economics .. ..	Prof. CANNAN ..	42	" "
6.0 ..	Geography of London .. ..	Mrs. ORMSBY ..	73	" "
6.0 ..	History of Currency and Banking	Prof. FOXWELL ..	14	" "
6.0 ..	Economic History .. ..	Dr. KNOWLES ..	81	" "
6.0 ..	Citizenship .. ..	Mr. LEES SMITH ..	143	" "
6.0 ..	Commercial Railway Economics	Mr. STEPHENSON ..	191	" "
7.0 ..	Economic Theory (for Teachers)	Mr. DRUMMOND-SMITH ..	41	" "
7.15 ..	Currency and Banking .. ..	Prof. FOXWELL ..	11	" "
7.15 ..	Railway Operating .. ..	Mr. BURTT ..	197	" "
7.15 ..	Commerce and Colonisation ..	Dr. KNOWLES ..	83	" "
7.15 ..	British Constitution .. ..	Mr. LEES SMITH ..	131	" "
7.15 ..	Current Statistical Questions ..	Prof. BOWLEY ..	186	" "
8.0 ..	Commercial Geography (for Teachers) .. ..	Mr. RODWELL JONES ..	62	" "
8.15 ..	Elements of Industrial Organisation .. ..	Mr. DRUMMOND-SMITH ..	22	" "
<b>Wednesday</b>				
9.45 a.m.	Health of the Worker .. ..	Dr. CHODAK GREGORY ..	157	12th Jan.
10.45 ..	Industry .. ..	Dr. KNOWLES ..	81	" "
10.45 ..	Statistical Method .. ..	Prof. BOWLEY ..	182	" "
10.45 ..	Political Position of the Great Powers .. ..	Mr. LASKI ..	85	" "
12.0 noon	Psychology of Modern Society ..	Prof. GRAHAM WALLAS ..	146	" "

Time.	Short Title.	Lecturer.	No. of Course	Date of beginning.
<b>Wednesday</b>	<i>(continued)</i> :			
12.0 noon	Elements of Industrial Organisation .. .. .	Mr. DRUMMOND-SMITH	22	12th Jan.
12.0 "	Raw Materials of Industry and Trade .. .. .	Mr. RODWELL JONES	28	" "
12.0 "	Commerce and Colonisation .. .. .	Dr. KNOWLES ..	83	" "
3.0 p.m.	Seminar for Diploma Students .. .. .	Prof. URWICK and Miss CHRISTIE ..	160	" "
3.0 "	Geography of the Alps .. .. .	Sir H. J. MACKINDER	69	26th "
3.0 "	Detailed Geography of Europe .. .. .	Mrs. ORMSBY ..	68	12th "
4.0 "	Some Migrations and Culture Contacts .. .. .	Prof. SELIGMAN ..	53	" "
5.0 "	Some Migrations and Culture Contacts (Class) .. .. .	Prof. SELIGMAN ..	53	" "
6.0 "	Historical Geography .. .. .	Sir H. J. MACKINDER	70	" "
6.0 "	Commercial Geography .. .. .	Mr. RODWELL JONES	60	" "
6.0 "	Geography .. .. .	Mrs. ORMSBY ..	61	" "
6.0 "	Economic Position of the Great Powers .. .. .	Dr. KNOWLES ..	84	" "
6.0 "	Political Position of the Great Powers (Class) .. .. .	Mr. LASKI ..	85	9th Feb.
6.0 "	Law of Carriage by Railway .. .. .	Mr. BALL ..	114	12th Jan.
6.15 "	Business Organisation .. .. .	Prof. DICKSEE ..	3	" "
7.0 "	Commercial Geography (Class) .. .. .	Mr. BRYAN ..	60	" "
7.0 "	Geography (Class) .. .. .	Mrs. ORMSBY ..	61	" "
7.15 "	Political Position of the Great Powers .. .. .	Mr. LASKI ..	85	" "
7.15 "	Ports and Docks .. .. .	Mr. BURTT ..	200	9th Feb.
7.15 "	Railway Rate-making .. .. .	Mr. BURTT ..	199	12th Jan.
7.15 "	Economic Development of the Empire .. .. .	Mr. JOYNT ..	86	" "
7.30 "	Industrial Structure and Problems .. .. .	Mr. LLOYD ..	151	" "
<b>Thursday :</b>				
10.45 a.m.	Economic Position of the Great Powers .. .. .	Dr. KNOWLES ..	84	13th Jan.
10.45 "	Political Position of the Great Powers (Class) .. .. .	Mr. LASKI ..	85	" "
11.0 "	Trade of South America .. .. .	Prof. SARGENT ..	33	" "
11.0 "	Mathematics—Elementary .. .. .	Mr. CURWEN ..	181	" "
11.0 "	Logic .. .. .	Dr. WOLF ..	120	" "
11.0 "	Logic (Class) .. .. .	Dr. WOLF ..	120	" "
12.0 noon	Organisation of Wholesale Markets .. .. .	Mr. GREGORY ..	27	" "
12.0 "	Trade of South America (Class) .. .. .	Prof. SARGENT ..	33	" "
12.0 "	General Statistics .. .. .	Prof. BOWLEY ..	184	" "
12.0 "	Elements of Commercial Law, Part II. .. .. .	Prof. GUTTERIDGE	104	10th Feb.
12.0 "	Central Government .. .. .	Mr. LEES SMITH ..	132	13th Jan.
12.0 "	Mathematics—Elementary .. .. .	Mr. CURWEN ..	181	" "
2.30 p.m.	Foreign Trade (Class) .. .. .	Prof. SARGENT ..	30	" "
2.30 "	Central Government (Class alternate weeks) .. .. .	Mr. FINER ..	132	" "

Time.	Short Title.	Lecturer.	No. of Course.	Date of beginning.
<b>Thursday</b>	<i>(continued)</i> :			
5.0 p.m.	General Government .. .. .	Mr. LASKI ..	139	13th Jan.
6.0 "	General Statistics .. .. .	Prof. BOWLEY ..	184	" "
6.0 "	Currency and Prices .. .. .	Prof. FOXWELL ..	13	" "
6.0 "	British Foreign Trade (special aspects) .. .. .	Mr. GREGORY ..	21	" "
6.0 "	Elements of Commercial Law, Part I. .. .. .	Prof. GUTTERIDGE	103	" "
6.0 "	Railway Statistics .. .. .	Mr. STEPHENSON ..	196	" "
6.0 "	Logic (Senior Course) .. .. .	Dr. WOLF ..	122	10th Feb.
6.0 "	Local Government .. .. .	Mr. LEES SMITH ..	130	13th Jan.
6.0 "	Public Administration .. .. .	Prof. GRAHAM WALLAS	133	" "
7.15 "	Foreign Exchanges .. .. .	Mr. GREGORY ..	32	10th Feb.
7.15 "	Elements of Commercial Law, Part II. .. .. .	Prof. GUTTERIDGE	104	" "
7.15 "	Trade of South America .. .. .	Prof. SARGENT ..	33	13th Jan.
7.15 "	Central Government .. .. .	Mr. LEES SMITH ..	132	" "
7.15 "	Organisation of Wholesale Markets .. .. .	Mr. GREGORY ..	27	" "
7.15 "	Elements of Economics .. .. .	Mr. DALTON ..	40	" "
7.15 "	Railway Rates and Fares .. .. .	Mr. STEPHENSON ..	194	" "
7.15 "	History of Political Ideas .. .. .	Mr. LASKI ..	144	" "
7.15 "	Advanced Statistics .. .. .	Prof. BOWLEY ..	185	" "
7.15 "	Advanced Mathematics .. .. .	Mr. CURWEN ..	187	" "
8.15 "	Elements of Economics (Class) .. .. .	Mr. DALTON ..	40	" "
8.15 "	Central Government (Class) [alternate weeks] .. .. .	Mr. FINER ..	132	" "
8.15 "	Public Administration (Class) [alternate weeks] .. .. .	Mr. FINER ..	133	20th "
<b>Friday :</b>				
10.45 a.m.	International Trade .. .. .	Prof. SARGENT ..	29	14th Jan.
10.45 "	Elements of Economics .. .. .	Mr. DALTON ..	40	" "
12.0 noon	British Constitution .. .. .	Mr. LEES SMITH ..	131	" "
12.0 "	Economics of Transport (for Consuls) .. .. .	Mr. STEPHENSON ..	195	11th Feb.
12.0 "	Accounting (for Consuls) .. .. .	Professor DICKSEE ..	5	14th Jan.
2.30 p.m.	Elements of Economics (Class) .. .. .	Mr. DALTON ..	40	" "
3.0 "	Map Class in Geography .. .. .	Mr. RODWELL JONES and Mrs. ORMSBY	63	" "
4.45 "	Economic Theory (Special Class) .. .. .	Prof. CANNAN ..	43	" "
5.0 "	Geography Seminar .. .. .	Prof. SARGENT ..	74	" "
5.45 "	Economic Theory (Special Class) .. .. .	Prof. CANNAN ..	43	" "
6.0 "	Industrial and Commercial History .. .. .	Mr. DRUMMOND-SMITH	82	" "
6.0 "	Government and Business Methods of Administration .. .. .	Mr. REYNOLDS ..	137	" "
6.0 "	Accounts II. .. .. .	Prof. DICKSEE and Mr. DE PAULA ..	2	" "
6.0 "	Commercial Law, Part I. .. .. .	Prof. GUTTERIDGE	101	" "
6.0 "	Mathematics—Elementary .. .. .	Mr. CURWEN ..	181	" "
6.15 "	Detailed Geography of North America .. .. .	Mr. RODWELL JONES	66	" "
6.15 "	Constitutional Law, Part II. .. .. .	Dr. BELLOT ..	106	" "
6.15 "	Railways in Relation to the State .. .. .	Mr. BURTT ..	198	" "
7.0 "	Commercial Law, Part I. (Class) .. .. .	Prof. GUTTERIDGE	101	" "
7.0 "	Accounts II. (Class) .. .. .	Prof. DICKSEE and Mr. DE PAULA ..	2	" "

Time.	Short Title.	Lecturer.	No. of Course.	Date of beginning.
<b>Friday (continued):</b>				
7.0 p.m.	International Law—War (Class)	Prof. PEARCE-HIGGINS	111	14th Jan.
7.0 ..	Mathematics—Elementary .. ..	Mr. CURWEN ..	181	" "
7.15 ..	World History .. ..	—	80	" "
7.15 ..	Constitutional Law, Part II. (Class) .. ..	Dr. BELLOT ..	106	" "
7.30 ..	Operating Railway Economics	Mr. STEPHENSON ..	192	" "
8.0 ..	International Law—War ..	Prof. PEARCE-HIGGINS	111	" "
<b>Saturday:</b>				
11.0 a.m.	Map Class in Geography ..	Mr. RODWELL JONES and Mrs. ORMSBY	64	15th Jan.

**GENERAL TIME-TABLE OF  
LECTURES, CLASSES, AND SEMINARS,  
1920-21.**

**SUMMER TERM.**

Time.	Short Title.	Lecturer.	No. of Course.	Date of beginning.
<b>Monday:</b>				
11.0 a.m.	Social Philosophy .. ..	Miss CHRISTIE ..	154	25th Apr.
11.0 ..	Accounts I. .. ..	Prof. DICKSEE ..	1	" "
11.0 ..	Social Rights and Duties ..	Prof. WESTERMARCK	174	2nd May
12.0 noon	Accounts I. (Class) .. ..	Prof. DICKSEE ..	1	25th Apr.
12.0 ..	Organisation of Industry ..	Mr. DALTON & Mr. DRUMMOND-SMITH	24	" "
12.0 ..	Social Philosophy (Class) ..	Miss CHRISTIE ..	154	" "
12.0 ..	Social Rights and Duties (Class)	Prof. WESTERMARCK	174	2nd May
3.30 p.m.	International Law—Peace ..	Prof. PEARCE-HIGGINS	110	25th Apr.
4.30 ..	International Law—Peace (Class)	Prof. PEARCE-HIGGINS	110	" "
5.0 ..	Use of Instruments .. ..	Mr. BRYAN and Mr. MONTGOMERIE ..	65	" "
5.0 ..	Social Work of Present Day ..	Various Lecturers	159	" "
5.0 ..	The Family .. ..	Prof. WESTERMARCK	175	2nd May
6.0 ..	Logic .. ..	Dr. WOLF ..	120	25th Apr.
6.0 ..	Accounts I. .. ..	Mr. DE PAULA ..	1	" "
6.0 ..	Commercial Law, Part II. ..	Prof. GUTTERIDGE	102	" "
6.0 ..	World History .. ..	Prof. HEARNshaw	80	" "
6.0 ..	The Family (Class) .. ..	Prof. WESTERMARCK	175	2nd May
6.0 ..	Organisation of Transport ..	Mr. STEPHENSON ..	192	25th Apr.
6.0 ..	Economic History from 1485 ..	Mr. TAWNEY ..	87	" "
6.0 ..	Statistical Investigation (alternate weeks) .. ..	Prof. BOWLEY ..	189	" "
6.15 ..	Constitutional Law, Part I. ..	Dr. BELLOT ..	105	" "
7.0 ..	Accounts I. (Class) .. ..	Mr. DE PAULA ..	1	" "
7.0 ..	Economic History from 1485 (Class) .. ..	Mr. TAWNEY ..	87	" "
7.0 ..	Commercial Law, Part II. (Class) .. ..	Prof. GUTTERIDGE	102	" "
7.0 ..	Logic (Class) .. ..	Dr. WOLF ..	120	" "
7.15 ..	Organisation of Industry ..	Mr. DRUMMOND-SMITH	24	" "
7.15 ..	Constitutional Law, Part I. (Class) .. ..	Dr. BELLOT ..	105	" "
<b>Tuesday:</b>				
10.45 a.m.	Financing of Industry .. ..	Mr. GREGORY ..	26	26th Apr.
10.45 ..	Industrial Structure and Problems .. ..	Mr. LLOYD ..	151	" "
10.45 ..	Public Finance .. ..	Mr. DALTON ..	135	" "
10.45 ..	History of Political Ideas ..	Mr. LASKI ..	144	" "
10.45 ..	Commercial Geography ..	Mr. RODWELL JONES	60	" "
10.45 ..	Geography .. ..	Mrs. ORMSBY ..	61	" "
11.0 ..	Stock Exchange .. ..	Prof. FOXWELL ..	12	" "

Time.	Title.	Lecturer.	No. of Course.	Date of beginning.
<b>Tuesday</b> (continued):				
11.0 a.m.	Social Rights and Duties ..	Prof. WESTERMARCK	174	3rd May
12.0 noon	Elements of Currency and Banking .. .. .	Mr. GREGORY ..	10	26th Apr.
12.0 ..	Social Rights and Duties (Class)	Prof. WESTERMARCK	174	3rd May
12.0 ..	Social History .. .. .	Prof. URWICK and Miss KEYSER	152	26th Apr.
12.0 ..	Social Economics .. .. .	Prof. URWICK and Miss CHRISTIE	155	" "
12.0 ..	Principles of Economics ..	Prof. CANNAN ..	42	" "
12.0 ..	Economic Development of the Empire .. .. .	Mr. JOYNT ..	86	" "
2.30 p.m.	Geography (Class) .. .. .	Mrs. ORMSBY ..	61	" "
3.0 ..	Sociology Seminar .. .. .	Prof. WESTERMARCK	176	3rd May
3.0 ..	Economic Theory (Special Class)	Prof. CANNAN ..	43	26th Apr.
4.30 ..	Commercial Geography (Class)	Mr. BRYAN ..	60	" "
4.45 ..	Social Developments from 1760	Mr. TAWNEY ..	156	" "
6.0 ..	Statistical Method .. .. .	Prof. BOWLEY ..	182	" "
6.0 ..	Government Departments ..	Prof. GRAHAM WALLAS	136	" "
6.0 ..	Principles of Economics ..	Prof. CANNAN ..	42	" "
6.0 ..	Problems of Modern Industry ..	Sir Wm. BEVERIDGE	23	" "
6.0 ..	History of Currency and Banking	Prof. FOXWELL ..	14	" "
6.0 ..	Economic History .. .. .	Dr. KNOWLES ..	81	" "
6.0 ..	Logic (Class) .. .. .	Dr. WOLF ..	121	" "
7.0 ..	Stock Exchange .. .. .	Prof. FOXWELL ..	12	" "
7.15 ..	Commerce and Colonisation ..	Dr. KNOWLES ..	83	" "
7.15 ..	British Constitution .. .. .	Mr. LEES SMITH ..	131	" "
7.15 ..	Public Finance .. .. .	Mr. DALTON ..	135	" "
7.15 ..	Statistical Method .. .. .	Prof. BOWLEY ..	183	" "
8.15 ..	Elements of Industrial Organisation .. .. .	Mr. DRUMMOND-SMITH	22	" "
<b>Wednesday</b>				
10.45 a.m.	Industry .. .. .	Dr. KNOWLES ..	81	27th Apr.
10.45 ..	Statistical Method .. .. .	Prof. BOWLEY ..	182	" "
10.45 ..	Political Position of the Great Powers .. .. .	Mr. LASKI ..	85	" "
12.0 noon	Psychology of Modern Society	Prof. GRAHAM WALLAS	146	" "
12.0 ..	Elements of Industrial Organisation .. .. .	Mr. DRUMMOND-SMITH	22	" "
12.0 ..	Statistical Method .. .. .	Prof. BOWLEY ..	183	" "
12.0 ..	Commerce and Colonisation ..	Dr. KNOWLES ..	83	" "
3.0 p.m.	Seminar for Diploma Students	Prof. URWICK and Miss CHRISTIE	160	" "
3.0 ..	Detailed Geography of Europe	Mrs. ORMSBY ..	68	" "
6.0 ..	Historical Geography of England and Wales .. .. .	Sir H. J. MACKINDER	71	4th May
6.0 ..	Commercial Geography .. .. .	Mr. RODWELL JONES	60	27th Apr.
6.0 ..	Geography .. .. .	Mrs. ORMSBY ..	61	" "
6.0 ..	Economic Position of the Great Powers .. .. .	Dr. KNOWLES ..	84	" "
6.0 ..	Political Position of the Great Powers (Class) .. .. .	Mr. LASKI ..	85	" "

Time.	Short Title.	Lecturer.	No. of Course.	Date of Beginning.
<b>Wednesday</b> (continued):				
6.15 p.m.	Costs and Efficiency .. .. .	Prof. DICKSEE ..	4	27th April
7.0 ..	Commercial Geography(Class) ..	Mr. BRYAN ..	60	" "
7.0 ..	Geography (Class) .. .. .	Mrs. ORMSBY ..	61	" "
7.15 ..	Political Position of the Great Powers .. .. .	Mr. LASKI ..	85	" "
7.15 ..	Economic Development of the Empire .. .. .	Mr. JOYNT ..	86	" "
7.30 ..	Industrial Structure & Problems	Mr. LLOYD ..	151	" "
<b>Thursday</b>				
10.45 a.m.	Economic Position of the Great Powers .. .. .	Dr. KNOWLES ..	84	28th Apr.
10.45 ..	Political Position of the Great Powers (Class) .. .. .	Mr. LASKI ..	85	" "
11.0 ..	Mathematics—Elementary .. ..	Mr. CURWEN ..	181	" "
11.0 ..	Logic .. .. .	Dr. WOLF ..	120	" "
12.0 noon	Mathematics — Elementary ..	Mr. CURWEN ..	181	" "
12.0 ..	Logic (Class) .. .. .	Dr. WOLF ..	120	" "
12.0 ..	General Statistics .. .. .	Prof. BOWLEY ..	184	" "
12.0 ..	Elements of Commercial Law, Part II. .. .. .	Prof. GUTTERIDGE	104	" "
12.0 ..	Central Government .. .. .	Mr. LEES SMITH ..	132	" "
2.30 p.m.	Foreign Trade (Class) .. .. .	Prof. SARGENT ..	30	" "
2.30 ..	Central Government (Class alternate weeks) .. .. .	Mr. FINER ..	132	" "
5.0 ..	Problem of Sovereignty .. .. .	Mr. LASKI ..	145	" "
6.0 ..	General Statistics .. .. .	Prof. BOWLEY ..	184	" "
6.0 ..	Effect of War on British Constitution .. .. .	Mr. LEES SMITH ..	142	" "
6.0 ..	Crises .. .. .	Prof. FOXWELL ..	15	" "
6.0 ..	Elements of Currency and Banking .. .. .	Mr. GREGORY ..	10	" "
6.0 ..	Elements of Commercial Law, Part I. .. .. .	Prof. GUTTERIDGE	103	" "
6.0 ..	Logic (Senior course) .. .. .	Dr. WOLF ..	122	" "
6.0 ..	Public Administration .. .. .	Prof. GRAHAM WALLAS	133	" "
7.0 ..	Modern Historical Geography ..	Prof. SARGENT ..	72	" "
7.15 ..	Elements of Commercial Law(II.)	Prof. GUTTERIDGE	104	" "
7.15 ..	Central Government .. .. .	Mr. LEES SMITH ..	132	" "
7.15 ..	Elements of Economics .. .. .	Mr. DALTON ..	40	" "
7.15 ..	History of Political Ideas .. ..	Mr. LASKI ..	144	" "
7.15 ..	Advanced Statistics .. .. .	Prof. BOWLEY ..	185	" "
7.15 ..	Advanced Mathematics .. .. .	Mr. CURWEN ..	187	" "
8.15 ..	Elements of Economics (Class).	Mr. DALTON ..	40	" "
8.15 ..	Central Government (Class) [alternate weeks]	Mr. FINER ..	132	" "
8.15 ..	Public Administration (Class) [alternate weeks]	Mr. FINER ..	133	5th May
<b>Friday:</b>				
10.45 a.m.	International Trade .. .. .	Prof. SARGENT ..	29	29th April
10.45 ..	Elements of Economics .. .. .	Mr. DALTON ..	40	" "
12.0 noon	British Constitution .. .. .	Mr. LEES SMITH ..	131	" "
12.0 ..	Economics of Transport (for Consuls) .. .. .	Mr. STEPHENSON ..	195	" "

Time.	Short Title.	Lecturer.	No. of Course.	Date of beginning
<b>Friday (continued):</b>				
2.30 p.m.	Elements of Economics (Class).	Mr. DALTON ..	40	29th Apr.
3.0 "	Map Class in Geography ..	Mr. RODWELL JONES and Mrs ORMSBY	63	" "
4.45 p.m.	Economic Theory (Special Class)	Prof. CANNAN ..	43	" "
5.0 "	Geography Seminar ..	Prof. SARGENT ..	74	" "
5.45 "	Economic Theory (Special Class)	Prof. CANNAN ..	43	" "
6.0 "	Industrial and Commercial History .. .. .	Mr. DRUMMOND- SMITH	82	" "
6.0 "	Accounts II .. .. .	Prof. DICKSEE ..	2	" "
6.0 "	Commercial Law, Part I ..	Prof. GUTTERIDGE	101	" "
6.0 "	Mathematics—Elementary ..	Mr. CURWEN ..	181	" "
6.15 "	Railways and Seaports of North America .. .. .	Prof. SARGENT ..	67	13th May
6.15 "	Detailed Geography of North America .. .. .	Mr. RODWELL JONES	66	29th Apr.
6.15 "	Constitutional Law, Part II ..	Dr. BELLOT ..	106	" "
7.0 "	Commercial Law, Part I (Class)	Prof. GUTTERIDGE	101	" "
7.0 "	Accounts II (Class) .. .. .	Prof. DICKSEE ..	2	" "
7.0 "	International Law—War (Class)	Prof. PEARCE- HIGGINS	111	" "
7.0 "	Mathematics—Elementary ..	Mr. CURWEN ..	181	" "
7.15 "	World History .. .. .	Prof. HEARNshaw	80	" "
7.15 "	Constitutional Law, Part II. (Class) .. .. .	Dr. BELLOT ..	106	" "
8.0 "	International Law—War ..	Prof. PEARCE- HIGGINS	111	" "
<b>Saturday:</b>				
11.0 a.m.	Map Class in Geography ..	Mr. RODWELL JONES and Mrs. ORMSBY	64	30th Apr.

**DETAILED LIST**  
OF  
**LECTURES, CLASSES AND SEMINARS.**

SESSION 1920-21.

The Lectures, Classes, and Seminars are given in the following divisions, arranged alphabetically:—

ACCOUNTING AND BUSINESS METHODS	- - -	pp. 28—30
BANKING AND CURRENCY	- - -	pp. 31—34
COMMERCE AND INDUSTRY	- - -	pp. 35—40
ECONOMICS	- - -	pp. 41 and 42
ETHNOLOGY	- - -	pp. 43 and 44
GEOGRAPHY	- - -	pp. 45—49
HISTORY	- - -	pp. 50—54
LAW	- - -	pp. 55—62
LOGIC AND SCIENTIFIC METHOD	- - -	pp. 63 and 64
POLITICS AND PUBLIC ADMINISTRATION	- - -	pp. 65—70
SOCIAL SCIENCE AND ADMINISTRATION	- - -	pp. 71—73
SOCIOLOGY	- - -	pp. 74 and 75
STATISTICS	- - -	pp. 76—78
TRANSPORT	- - -	pp. 79—83



**ACCOUNTING AND BUSINESS METHODS.**

The letter *y* indicates that the course is a preparation for an Intermediate Examination, *z* for a Final Pass Examination, and *A* for a Final Honours Examination.

The sign ¶ indicates a course beginning at 6 p.m. or later.

- 1.**—*y* and *z*.—**Accounts of Traders and Companies (Part I.)**, a course of thirty lectures by Professor DICKSEE and Mr. DE PAULA, on Mondays, at 11 a.m., beginning M.T. 4th October, L.T. 10th January, S.T. 25th April.

A class will be held in connection with this course immediately after each lecture, except the first.

Fee:—Lectures with class: Sessional, £5; Terminal, £2.  
Lectures only: „ £3; Terminal, £1 4s.

- ¶ FOR EVENING STUDENTS the same course of lectures, with class, will be given on Mondays, at 6 p.m., beginning 4th October.

Fee:—Lectures with class: Sessional, £3 6s. 8d.; Terminal, £1 6s. 8d.  
Lectures only „ £2; Terminal, 16s.

NOTE.—This course prepares for the Intermediate Examination for the B. Com. degree, and with course 2 below (sections (a), (.), (d) for the Final Examination for the B.Sc. (Econ.) degree.

- M.T.** Eleven lectures by Professor DICKSEE.

**Syllabus.** General introduction as to the nature, objects and utility of book-keeping. The nature of double-entry bookkeeping described and distinguished from single-entry. The distinction between capital and revenue, both as regards receipts and expenditure. Ledgers and books of first entry. Bills of exchange. The distinction between “fixed” and “floating” assets. The trial balance. Balance sheets. Trading and profit and loss accounts.

- L.T.** Ten lectures by Mr. DE PAULA.

**Syllabus.** The application of the principle of the trial balance to each of a series of ledgers. Various methods of sectional balancing described, and the relative advantages of each explained. Check figures. Branch accounts: their organisation and control from headquarters. Departmental accounts. Foreign currencies. Safeguards against fraud in accounts. Tabular bookkeeping.

- S.T.** Nine lectures by Mr. DE PAULA.

**Syllabus.** Joint stock companies' accounts. Outline of the constitution of joint stock companies. Procedure during various stages of a company's career. Opening entries; issue of capital; acquisition of properties. Calls. Transfers. Forfeiture of shares. Payment of dividends. Conversions. Reduction of capital, etc. Accounts of partners.

BOOKS RECOMMENDED.—Dicksee's *ABC of Bookkeeping*; *Bookkeeping for Accountant Students*; *Bookkeeping for Company Secretaries*.

- 2.**—*z*.—**Accounts of Traders and Companies (Part II.)**, a course of thirty lectures by Professor DICKSEE and Mr. DE PAULA, on Fridays, at 6 p.m., beginning M.T. 8th October, L.T. 14th January, S.T. 29th April.

A class will be held in connection with this course immediately after each lecture, except the first.

Fee:—Lectures with class: Sessional, £5; Terminal, £2.  
Lectures only: „ £3; „ £1 4s.

NOTE.—B. Com. students take sections *a*, *b* and *d* of the following syllabus.  
B. Sc. (Econ.) „ „ „ *a*, *c* and *d* „ „ „

- (a) **M.T.** Eleven lectures by Mr. DE PAULA.

**Syllabus.** The double-account system described and compared with the single-account system: its suitability to various classes of undertakings discussed. Reserve funds and reserves: their nature and object. The investment of reserve funds. Secret reserves. Sinking funds: their nature, object, and operation. The depreciation of wasting assets: its nature and the various means by which it may be provided for. Goodwill: its nature and treatment in accounts. Profits: the various meanings attached to the term, and the method of arriving at true profits explained.

- either (b) **L.T.** Ten lectures by Professor DICKSEE.

**Syllabus.** Consignment accounts. Exportation and importation. Foreign currencies: their fluctuation in value, its causes and effect. The accounts of foreign branches, and the treatment of fluctuating currencies therein. Balance sheets and revenue accounts: their various forms and uses. Systems of organisation and internal check. Prevention of fraud. Modern systems of bookkeeping. The slip system, the card system, the loose-leaf system: their application to both ledgers and books of first entry; their advantages and drawbacks.

- or (c) **L.T.** Ten lectures by Mr. DE PAULA.

**Syllabus.** Stock accounts. Stores accounts. Cost accounts. Public accounts. Local authorities' accounts. Hire-purchase agreements. The interpretation of accounts. Preparation for audit and functions of auditors. The nature and utility of periodical returns.

- (d) **S.T.** Nine lectures by Professor DICKSEE.

**Syllabus.** Income tax; general outline of income tax law. Income tax returns and assessments; the treatment of income tax in accounts. Executorship and trust accounts. Bankruptcy and insolvency accounts. Liquidation accounts. Reconstruction of companies.

BOOKS RECOMMENDED.—Dicksee's *Advanced Accounting*; *Depreciation, etc.*; *Auditing*; Dicksee's and Tillyard's *Goodwill, and its Treatment in Accounts*.

- 3.**—*z*.—**Business Organisation**, a course of twenty lectures by Professor DICKSEE, on Wednesdays, at 6.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 6th October, L.T. 12th January.

Fee:—For the course, £2 5s.; Terminal, £1 4s.

**M.T.**—The basis of business organisation. The constitution of business houses. The genesis of business enterprise. The financial basis of business undertakings. The elements of finance. Overtrading. Cycles of trade. Business statistics. The organisation of control and responsibility. The connection between records and results. The remuneration of employees. Promotions and pensions.

**L.T.**—Markets and exchanges. Import and export. Salesmanship. Advertising. The science of buying. Credit operations. Methods of collecting. Co-operation, profit-sharing, and industrial co-partnership, and their bearing upon efficiency. Speculation and its relation to legitimate business. Insurance. The organisation of expanding, contracting, stationary and temporary (or emergency) undertakings. Public regulation and control of business. [contd.]

BOOKS RECOMMENDED.—Dicksee's *Business Organisation* (Longmans); Dicksee's *Business Methods and the War* (Cambridge University Press); Dicksee and Blain's *Office Organisation and Management* (Pitmans).

**4.†**—**Cost Accounts and Efficiency Methods**, a course of nine lectures by Professor DICKSEE, on Wednesdays, at 6.15 p.m., in Summer Term, beginning 27th April.

Fee:—£1 10s.

**Syllabus.** Cost Accounts, their nature and treatment. The Principles of costing, and their application to different kinds of business enterprise. Efficiency, what it is, and how it should be sought.

BOOKS RECOMMENDED.—Dicksee's *Fundamentals of Manufacturing Costs; Office Machinery and Appliances*; Casson's *Factory Efficiency*; Taylor's *Principles of Scientific Management*; Emerson's *Efficiency and Twelve Principles of Efficiency*; Gilbreth's *Applied Motion Study and Fatigue Study*; Boyd Fisher's *Industrial Loyalty*.

**5.**—**Accounting**, a course of fifteen lectures by Professor DICKSEE, on Fridays, at 12 noon, in Michaelmas and Lent Terms, beginning M.T. 8th October, L.T. 14th January (last lecture 4th February).

This course is intended for Probationer Vice-Consuls sent by the Foreign Office, and others will be admitted only by special arrangement.

**Syllabus.** The aims of Accounting. The meaning of an Account. Debit and Credit. The Theory of Double-Entry. The Trial Balance. First Entry Records. Capital and Revenue. Trading Accounts. Profit and Loss Accounts. Balance Sheets. The Double Account System. Depreciation. The Treatment of Foreign Currencies in Accounts. Reserves and Reserve Funds. Profits. The Accounts of Partners. The Accounts of Companies.

**6.**—**A Special Revision Class** for students attending Course 1 [Accounts of Traders and Companies (Part I.)] will be held by Mr. DE PAULA at a time to be arranged. The first meeting of the class will take place in the third week of the Michaelmas Term.

N.B.—Reference should also be made to the following course:—

No. 137.—**Government and Business Methods of Administration.**

## BANKING AND CURRENCY.

The letter *y* indicates that the course is a preparation for an Intermediate Examination, *z* for a Final Pass Examination, and *A* for a Final Honours Examination.

The sign † indicates a course beginning at 6 p.m. or later.

**10.**—*y*.—**The Elements of Currency and Banking**, an elementary course of nine lectures by Mr. GREGORY, on Tuesdays, at 12 noon, in Summer Term, beginning 26th April.

Fee.—£1 10s.

† For EVENING STUDENTS, the same course will be given on Thursdays, at 6 p.m., beginning 28th April.

Fee.—£1.

**Syllabus.** The functions of money. The English Mint Regulations. Legal tender. Standard and token money. Parity. The English banking system. Banking methods. The reserve and the discount rate. The Stock Exchange. The foreign exchanges.

BOOKS RECOMMENDED.—JEVONS, *Money and the Mechanism of Exchange*; Rae, *The Country Banker* (1902 or later edition); Clare, *A Money Market Primer*; Withers, *The Meaning of Money*; Duguid, *The Stock Exchange*; Straker, *The Money Market*; Withers, *Money Changing: An Introduction to Foreign Exchange*; Burton, *Financial Crises*; Layton, *Introduction to the Study of Prices*.

**11.**—*z* and *A*.—**Currency and Banking, Descriptive and Theoretical, with special reference to England**, a course of twenty lectures by Professor FOXWELL, on Tuesdays, at 10.45 a.m., in Michaelmas and Lent Terms, beginning M.T. 5th October, L.T. 11th January.

Fee.—For the Course, £2 5s.; Terminal, £1 4s.

† For EVENING STUDENTS, the same course will be given on Tuesdays, at 7.15 p.m., beginning 5th October.

Fee.—For the Course, £1 10s.; Terminal, 16s.

**Syllabus.** M.T. **Metallic Currency.**—The functions and economic significance of money. Various forms of money. Metallic currencies and coinage. The English Mint Regulations and Coinage Acts. Currency deterioration: its causes, measures and remedies. Legal tender; the various systems prevailing in different countries. Methods of maintaining internal equivalence of legal tender moneys. Questions of monetary standard and valuation. Decimal coinage. Exchange Standard Currencies. Method of measuring variations in the value of money.

L.T. **Banking and the Money Market.**—The functions and economic significance of banking. The general structure and methods of English banking. The cheque system and the Clearing House. Banking investments. The Short Loan Fund. The Money Market: its fluctuations, periodic and other. The reserve and the discount rate. The regulation of the note-issue, and the Bank Acts. Comparison with foreign systems. Recent developments in English banking. General banking statistics. The foreign exchanges.

BOOKS RECOMMENDED (in addition to those under course No. 165).—JEVONS, *Investigations in Currency and Finance*; Nicholson, *War Finance*; Sir D. Barbour, *Theory of Bimetallism*; Sauerbeck, *Chart of Prices*; Irving Fisher, *The Purchasing Power of Money*; Chalmers, *Colonial Currencies* (for reference); United States Mint Reports (for reference); Easton, *Money, Exchange and Banking*; Goschen, *The Foreign Exchanges*; Burn, *Stock Exchange Investments*; Conant, *Banks of*

Issue; Lévy, *Banques d'Emission*; Palgrave, *The Bank Rate* (1902 edition); Pratt, *Wall Street*; Giffen, *Economic Inquiries and Studies*; Withers, *War and Lombard Street*; Lawson, *British War Finance*; Foxwell, *Papers on Current Finance*; Spalding, *Foreign Exchange and Foreign Bills*; Agger, *Organized Banking*; Tillyard, *Banking and Negotiable Instruments* (for reference); *Institute of Bankers: Questions on Banking Practice* (for reference); *Reports of the U.S. Monetary Commission* (for reference); Thomson, *Dictionary of Banking* (for reference). *The Bankers' Magazine*; *The Economist*.

**12.—A.—The Stock Exchange, Speculative Markets, and other Subjects connected with Banking**, a course of nine lectures by Professor FOXWELL, on Tuesdays, at 11 a.m., in Summer Term, beginning 26th April.

Fee.—£1 10s.

¶ For EVENING STUDENTS, the same course will be given on Tuesdays, at 7 p.m., beginning 26th April.

Fee.—£1.

**Syllabus.** The Stock Exchange and its relations with the banking system. Speculation and time dealings. Functions of the speculative dealer, and constitution of the speculative markets. The regulation of dealing. The great international money markets, and some modern problems and developments connected with them.

BOOKS RECOMMENDED.—Emery, *Speculation on the Stock and Produce Exchanges*; Emery, *Ten Years' Regulation of the Stock Exchange in Germany* (Yale Review, May, 1908); Van Antwerp, *New York Stock Exchange from within*; Schwabe, *Effect of War on Stock Exchange Transactions, 1915*; Sayous, *Les Bourses Allemandes de Valeurs et de Commerce*; *Reports on Cotton Exchange Methods, U.S. Commr. of Corporations, 1908-14*; various articles by Messrs. Emery, Stevens, Flux, Hooker, Chapman, Lexis, &c.; Burn, *Stock Exchange Investments*; Meade, *Corporation Finance*; Young, *Plain Guide to Investment and Finance—3rd Edition, 1919*; Greenwood, *Foreign Stock Exchanges and Company Laws*; *Reports of the U.S. Monetary Commission*.

**13.¶—A.—Currency and Prices**, an advanced course of twenty lectures by Professor FOXWELL, on Thursdays, at 6 p.m., in Michaelmas and Lent Terms, beginning M.T. 7th October, L.T. 13th January.

Fee.—For the Course, £2 5s.; Terminal, £1 4s.

In this advanced course a general knowledge of currency and banking subjects will be assumed, such as would be possessed by students who had already attended the courses 165 and 167 of last session. It will be the special object of the course to deal with some of the more difficult currency questions, and particularly with some of those problems which have arisen during the War, and which confront us to-day in the attempt to return to more normal conditions.

**Syllabus.** M.T. Recent Monetary History, with special reference to difficulties arising out of the War.—The movement for currency uniformity and its result in the demonetisation of silver. Demoralisation of the world's currency systems consequent on the loss of parity between the two monetary metals. Effects on the Currency and Exchanges of the East. United States currency after the resumption of payments, 1875-1900. The various devices resorted to in order to provide a substitute for the old bi-metallic parity. Action of the Latin Monetary Union. The Indian currency measures and Gold Exchange currency systems. Effects of the War on the monetary position thus created.

L.T.—Some Modern Currency Problems.—Problems of Parity, internal and external. Divisionary Currency, its proper character and function. The cheque v. the bank-note. Emergency currency. Measurement of Price Movements.

Monetary stability and the ideal price policy. How far stabilisation of money is possible and desirable. Causes and consequences of the rise in prices during and since the War. Departures in various directions from the gold standard. What is involved in a return to the gold standard. Can there be a general return to gold payments, and, if so, in what form? The difficulties of deflation. Comparison with the position after the Peace of 1815.

BOOKS RECOMMENDED.—JEVONS, *Investigations in Currency and Finance*; ARNAUNÉ, *La Monnaie, le Crédit, et le Change*; NICHOLSON, *Money and Monetary Problems*; SIR D. BARBOUR, *Theory of Bimetallism*; SIR D. BARBOUR, *The Influence of the Gold Supply on Prices and on Profits*; IRVING FISHER, *The Purchasing Power of Money*; KEMMERER, *Money and Credit Instruments in their Relation to Prices*; KEMMERER, *Modern Currency Reforms*; FISHER, *Stabilising the Dollar, 1920*; CANNAN, *The Paper Pound, 1919*; CHALMERS, *Colonial Currencies*; HEPBURN, *History of Currency in the U.S.*; JANSSEN, *Les Conventions Monétaires*; CHAUSSERIE-LAPRÉE, *L'Union Monétaire Latine*; RUSSELL, *International Monetary Conferences*; SAUERBECK, *Chart of Prices*. Official Publications:—*Reports of the Committees on the Resumption, 1819*; *Report of the Commission on International Coinage, 1868*; *Reports of the International Monetary Conferences of 1867, 1878, 1881, and 1892-3*; *Indian Currency Reports of 1876, 1892-3, 1898, 1913, 1920*; *West African Committee Report of 1912*; *Mint Reports of G.B. and the U.S.*; *Royal Mint, Statutes relating to Coinage, etc., 1915*; *Currencies after the War (Econ. and Fin. Section of League of Nations), 1920*; *Reports of the Cunliffe Committee, Cmd. 9182 of 1918, 464 of 1919*; etc. For other books, see under 14.

N.B.—It is proposed to give a similar extended course on Banking in the session 1921-22.

**14.¶—A.—The History of Currency and Banking, with special reference to England**, a course of thirty lectures, by Professor FOXWELL, on Tuesdays, at 6 p.m., beginning M.T. 5th October, L.T. 11th January, S.T. 26th April.

Fee: Sessional, £3; Terminal, £1 4s.

**Syllabus.** M.T.—The monetary system in the Middle Ages. History of the English silver pound. The silver famine and the effects of the supplies from the American mines. The controversy on the export of bullion and the Act of 1663. The early goldsmith bankers and the rise of banking in England. The foundation and early history of the Banks of England, Scotland and Ireland. The recoinage of 1696. The guinea and its ratings. Sir Isaac Newton's reports on the currency. The recoinage of 1774. The restrictions on the tender of silver. Lord Liverpool's Report of 1805, and the adoption of the gold standard.

L.T.—The different developments of banking in England, Scotland and Ireland during the eighteenth century. The commercial expansion after 1763. The restriction of cash payments. The Bullion Committee. Lord Stanhope's Act. The resumption of cash payments, and the various currency proposals made in connection with it by Ricardo, Baring and Huskisson.

S.T.—The modifications of the privileges of the Bank of England, and the rise of the English joint stock banks. The Bank Acts of 1844 and 1845. Recent developments in Banking. The gold discoveries of 1848-50. The working of the French monetary system. The movement for metrical unification and international coinage. The Latin Monetary Union. The Battle of the Standards. The International Conferences and their result.

Throughout the course the attention of students will be specially directed to the study of important documents and to the sources of historical information generally.

BOOKS RECOMMENDED.—RUDING, *Annals of the Coinage* (for reference); DANA HORTON, *The Silver Pound*; CHALMERS, *Colonial Currencies* (for reference); LORD LIVERPOOL, *Treatise on the Coins of the Realm*; ANDRÉADÈS, *History of the Bank of England*; POWELL, *The Evolution of the Money Market, 1385-1915, 1915*; BISSCHOP, *The London Money Market, 1640-1826*; COURTOIS, *Histoire de la Banque de France; Die Reichsbank, 1876-1900, 1901*; *Die Reichsbank, 1876 bis 1910, 1912*; KERR, *History*

of Banking in Scotland; Dillon, *Banking in Ireland*; B. E. Walker, *A History of Banking in Canada*, 1909; Kemmerer, *The A B C of the Federal Reserve System*; Dunbar, *Chapters on the Theory and History of Banking* (Sprague's edition); Hepburn, *History of Coinage and Currency in the United States*; Janssen, *Les Conventions Monétaires*, 1911; Keynes, *Indian Currency and Finance*, 1913; Haupt, *Histoire Monétaire de Notre Temps*, 1886; Russell, *International Monetary Conferences*; Tooke and Newmarch, *History of Prices* (for reference); *Bankers' Magazine* (for reference); *Various Parliamentary and other Reports: especially the Reports of 1810 and 1819; Royal Mint, Statutes, etc., relating to the Coinage of the British Empire; Reports of the U.S. Monetary Commission* (for reference).

**15.** ¶—A.—**Crises, Depressions and Related Price Movements**, a course of nine lectures, by Professor FOXWELL, on Thursdays, at 6 p.m., in Summer Term, beginning 28th April.

Fee, £1 10s.

**Syllabus.** Financial Crises and Commercial Depressions: the two kinds of disturbance distinguished, and the nature and general causes of each explained. General sketch of the history of these disturbances in England. Some American crises, particularly the crisis of 1907. Notable features of the war crisis. Various theories of crises. Their alleged periodicity. Their connection with movements in the general price level. The indications of approaching crises and depressions. Preventive and relief measures. Emergency currencies. Elastic banking. Wise industrial finance. Expenditure of public bodies. Commercial psychology.

BOOKS RECOMMENDED.—Burton, *Crises and Depressions*, 1908; Jones, *Economic Crises*, 1900; Robertson, *A Study of Industrial Fluctuations*, 1915; Conant, *Banks of Issue* (esp. Ch. 21 to end), 1909; Sprague, *History of Crises under the National Banking System* (U.S. Currency Commission, No. 538, 1910); Wirth, *Geschichte der Handelskrisen*; Bouniatian, *Geschichte der Handelskrisen in England*, 1908; Aftalion, *Les Crises Périodiques de sur-production*, 1913; Lescure, *Des Crises Générales et Périodiques de sur-production*, 1910; Tugan-Baranowsky, *Les Crises Industrielles en Angleterre*, Tradn. par Schapiro, 1913; Von Bergmann, *Geschichte der Nationalökonomischen Krisentheorien*, 1895; Walker, *Money, Trade and Industry*, 1880; Mitchell, *Business Cycles*, 1913; Rodbertus, *Over-Production and Crises*, 1898; Jevons, *Investigations in Currency and Finance*; Withers, *War and Lombard Street*; Lawson, *British War Finance*; Foxwell, *Papers in Current Finance*; and for reference, Tooke and Newmarch, *History of Prices*; Andréadès, *History of the Bank of England*; *The Parliamentary Reports on the Great Crises*; *Manual of Emergency Legislation* (Financial Edition.)

**16.**—**Banking and Currency.** Seminar by Professor FOXWELL. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

#### GILBART LECTURES.

The Gilbert Lectures in Banking will in future form part of the curriculum of the London School of Economics and Political Science. Full particulars of the course in 1920-21 will be announced later.

N.B.—Reference should also be made to the following courses:—

- |             |                     |
|-------------|---------------------|
| No. 1.      | Accounts I.         |
| No. 2.      | Accounts II.        |
| No. 32.     | Foreign Exchanges.  |
| No. 101.    | Commercial Law (I). |
| No. 102 (a) | Bankruptcy.         |

## COMMERCE AND INDUSTRY.

The letter  $\gamma$  indicates that the course is a preparation for an Intermediate Examination,  $z$  for a Final Pass Examination, and  $\Lambda$  for a Final Honours Examination.

The sign ¶ indicates a course beginning at 6 p.m. or later.

**20.**— $\gamma$ .—**British Foreign Trade**, an elementary course of eleven lectures by Mr. GREGORY, on Tuesdays, at 12 noon, in Michaelmas Term, beginning 5th October.

Fee:—£1 10s.

¶ FOR EVENING STUDENTS the same course will be given on Thursdays, at 6 p.m., beginning 7th October.

Fee, £1.

**Syllabus.** The nature of foreign trade in general, and the main causal groups determining its distribution, as illustrated from English economic development. The statistical treatment of foreign trade: its problems and results. The basic motives of foreign trade and their relation to price. The organisation of foreign trade, as illustrated by the analysis of costs. Agents and their economic justification. The functions of the State. The determination of transport charges. The relation of foreign trade to financial institutions. The function of the latter in (a) the organisation of international payments, (b) the determination of the nature of trade. Geographical and economic aspects of trade-routes.

BOOKS RECOMMENDED.—There is no satisfactory text-book covering the whole ground. The following are useful for various parts of the subject: Bowley, *England's Foreign Trade*; Chisholm, *Handbook of Commercial Geography*; Stephenson, *Principles and Practice of Commerce*; Spalding, *Foreign Exchange and Foreign Bills*; Withers, *Money Changing*; C. K. Hobson, *The Export of Capital*; Taussig, *Principles of Economics* (Vol. I., Chaps. 32-35); *The Official Statistics of British Trade*.

**21.**— $\gamma$ .—**Special Aspects of British Foreign Trade**, a course of five lectures and five classes specially intended for students taking the Commerce Degree or preparing for consular posts, by Mr. GREGORY, on Tuesdays, at 12 noon, in Lent Term, beginning 11th January.

Fee, £1 10s.

¶ FOR EVENING STUDENTS the same course will be given on Thursdays, at 6 p.m., beginning 13th January.

Fee, £1.

**Syllabus.** These additional lectures and classes are intended to amplify the subjects already dealt with in the course of lectures in the M.T. In particular, they will deal with the following subjects:—The localisation of industry; foreign trade statistics; shipping combinations and shipping statistics; elementary survey of tariff problems; and topics of current interest in connection with the course.

**22.**— $\gamma$ .—**The Elements of Industrial Organisation**, a course of thirty lectures by Mr. DRUMMOND SMITH, on Wednesdays, at 12 noon, beginning M.T. 6th October, L.T. 12th January, S.T. 27th April.

Fee:—Sessional, £3; Terminal, £1 4s.

[contd.]

¶ FOR EVENING STUDENTS the same course will be given on Tuesdays, at 8.15, beginning 5th October.

Fee:—Sessional, £2; Terminal, 16s.

This course is supplementary to No. 81 by Dr, KNOWLES.

**Syllabus.** The course will include a sketch of recent developments in English Industry and Commerce. The main features of the present industrial and commercial organisation will be examined. Special attention will be paid to the key industries—cotton, wool and worsted, iron, etc.—the co-operative movement, and the relation between capital and labour.

**23.**—¶ **Problems of Modern Industry**, a course of nine lectures, by Sir WILLIAM BEVERIDGE, on Tuesdays, at 6 p.m., in Summer Term, beginning 26th April.

Fee:—£1 10s.

London teachers, who will have precedence should it be necessary to limit the class, may obtain admission through the Education Officer, L.C.C. Education Department, Victoria Embankment, W.C.2, to whom they should apply for particulars of special terms.

**24.**—z.—**Organisation of Industry**, a course of thirty lectures by Mr. DALTON and Mr. DRUMMOND SMITH, on Mondays, at 12 noon, beginning M.T. 4th October, L.T. 10th January, S.T. 25th April.

Fee:—Sessional, £3; Terminal, £2.

¶ FOR EVENING STUDENTS the same course of lectures will be given on Mondays, at 7.15 p.m., beginning 4th October.

Fee:—Sessional, £2; Terminal, 16s.

**Syllabus.** General causes governing the distribution of the occupied population and the localisation of industry. Classification and main characteristics of chief industries—extractive, agricultural, textile, engineering, iron and steel, other manufactures, building and constructional, transport, distributive and retail trading. Efficiency of labour, as influenced by wages, hours and conditions of employment. Methods of wage-payment. Efficiency of organisation; large-scale production and its limits. Advertisement and other psychological factors. "Unfair" competition, its legal definition and regulation. Industrial combination, trusts, cartells and associations, their structure and functions. Labour combination; trade unions, structure and functions. Employers' Associations, Chambers of Commerce, etc., structure and functions. Modern developments in the relations of capital and labour; machinery for arbitration and conciliation, Whitley Councils, Trade Boards.

BOOKS RECOMMENDED.—Marshall, *Industry and Trade*; Chapman, *Work and Wages*; Shadwell, *Industrial Efficiency*; Jenks, *Trust Problem* (1917 edition); Macgregor, *Industrial Combination*; Webb, *Industrial Democracy*; Cole, *Introduction to Trade Unionism*; Cole, *Payment of Wages*; Taussig, *Principles of Economics*, Books VI. and VII.; *Report of U.K. Census of Production (1907)*; *U.S.A. Abstract of Census of Manufactures (1914)*; *U.S.A. Bureau of Corporations, Report on Unfair Competition (1916)*; *Final Report of the Health of Munition Workers Committee*; *Report of the Committee on Trusts*; *Reports on Special Industries under the Profiteering Act*; *Report of the Whitley Committee*.

**25.**—z.—**Government Finance in Relation to Business**, a course of ten lectures by Mr. DALTON, on Thursdays, at 12 noon, in Michaelmas Term, beginning 14th October.

Fee:—£1 10s.

¶ FOR EVENING STUDENTS the same course will be given on Mondays, at 6 p.m., beginning 11th October.

Fee:—£1.

**Syllabus.** 1. Taxation in relation to business, with special reference to income and super-tax, excess profits duty and corporation duty, as at present imposed. 2. Public expenditure in relation to business, with special reference to the "subsidies" and other expenditure arising out of the war. 3. Public borrowing in relation to business, with special reference to the floating debt and to various proposals for reducing public indebtedness.

BOOKS RECOMMENDED.—Higgs, *Primer of National Finance*; *Memoranda of the Chancellor of the Exchequer on the Present Financial Situation and on the Future Exchequer Balance Sheet in a Normal Year*; *Report of the Royal Commission on the Income Tax*; *Reports of the Select Committee on National Expenditure*; *Report of the Select Committee on Increases of Wealth (War)*; *Memorandum of the Board of Inland Revenue on the Suggested Taxation of War Time Increases of Wealth*; *Finance Act, 1920*.

**26.**—z.—**The Financing of Industry**, a course of nine lectures by Mr. GREGORY, on Tuesdays, at 10.45 a.m., in Summer Term, beginning 26th April.

Fee, £1 10s.

¶ FOR EVENING STUDENTS the same course will be given on Thursdays, at 7.15 p.m., in Michaelmas Term, beginning 7th October.

Fee, £1.

**Syllabus.** The object of these lectures is the investigation of the mechanism and problems of business finance. They will deal therefore with the supply of capital to businesses, primarily analysing the supply of capital to joint stock companies; the rights of different classes of stock and shareholders in the profits of the company, and the adjustment of the conflicting interests involved; the mechanism of promotion and underwriting; the supply of short period capital; the capitalisation of profits; statistical and economic aspects of companies, profits, &c.; the influence on profits of consolidation and integration of businesses; the stabilisation of profits and the creation of reserves; the reorganisation of businesses; the trend towards the creation of companies and the future of private businesses; the credit policies of businesses; the control of businesses by the shareholder and the law.

These questions will be surveyed primarily from the economic, and not from the legal or accountancy point of view.

BOOKS RECOMMENDED.—Withers, *Stocks and Shares*; Meade, *Corporation Finance*; *Trust Finance*; Liefman, *Financierungs und Beteiligungsgesellschaften*; Gerstenburg, *Materials for the Study of Corporation Finance*; Jordan, *Handbook on Joint Stock Companies*.

**27.**—z.—**The Organisation of Wholesale Markets**, a course of four lectures, by Mr. GREGORY, on Thursdays, at 12 noon, in Lent Term, beginning 13th January.

Fee, 15s.

¶ FOR EVENING STUDENTS the same course of lectures will be given on Thursdays, at 7.15 p.m., beginning 13th January.

Fee:—10s.

**Syllabus.** These lectures will deal with the following subjects: the grading and standardisation of commodities; the rules and practices of the produce exchanges with special reference to the principal world crops; the crop-reporting system; the private sources of information, the terminology and handling of market reports and quotations; the Governmental regulation of produce markets.

**28.—A.—Raw Materials of Industry and Trade, comparatively treated.** A course of twenty lectures by Professor SARGENT and Mr. RODWELL JONES, on Wednesdays, at 12 noon, in Michaelmas and Lent Terms, beginning M.T. 6th October, L.T. 12th January.

Fee:—For the course, £2 5s.; Terminal, £1 4s.

The aim of the lectures will be to compare and contrast the conditions of production of the more important commodities in various countries as bearing on the organisation of industry and the problems of international trade. The lectures will be illustrated by specially constructed maps and diagrams.

M.T.—Eleven lectures by Professor SARGENT, assisted by Mr. BRYAN.

**Syllabus.** The present and future sources of coal in relation to industries based on it. The movement of coal for industrial and commercial purposes and the effects of the development of new sources of supply. Iron ore supplies in different countries in relation to coal, and the development of iron and steel industries. The conditions of supply of other metals of industrial importance. Location of the world's oil. Oil and coal as motive power. Effects of competition on the position of coal-owning countries and on the organisation of trade routes.

L.T.—Nine lectures by Mr. RODWELL JONES.

**Syllabus.** Soil, climate, labour and transport conditions determining the present production and distribution of the chief textile raw materials, cotton, wool, flax, silk, jute, etc. Special consideration will be given to the development of new areas of production.

**29.—A.—International Trade and Traffic of the Great Ports of the World,** a course of thirty lectures by Professor SARGENT, on Fridays, at 10.45 a.m., beginning M.T. 8th October, L.T. 14th January, S.T. 29th April.

Fee:—Sessional, £3; Terminal, £1 4s.

**Syllabus.** The lectures will be descriptive and will deal with the broad lines of trade organisation in different markets and the movement of commodities for import or export. The great seaports, with their inland communications and ocean routes, will be taken as the basis for the treatment of the whole subject.

**30.—Foreign Trade (Class).** Professor SARGENT will hold a special class for second year candidates for the Certificate in Commerce on Thursdays, from 2.30 to 4 p.m., beginning 7th October. Admission will be exclusively by permission of Professor Sargent.

Fee:—Sessional, £4; Terminal, £1 12s.

**31.—A.—Tariffs and Tariff Administration,** a course of ten lectures by Mr. GREGORY, on Tuesdays, at 6 p.m., in Lent Term, beginning 11th January.

Fee:—£1 10s.

**Syllabus.** The object of the course will be to deal with tariffs as an instrument of commercial policy, without reference to the validity of such use. The lectures will be grouped round the following points:—(1) The making of tariffs. (2) The form and content of the tariff. (3) Tariff administration. (4) Commercial treaties in relation to tariffs. References to available literature will be given at each stage of the discussion.

BOOKS RECOMMENDED.—J. H. Higginson, *Tariffs at Work*; Fisk, *International Commercial Policies*; Grunzel, *Economic Protectionism and System der Handelspolitik*; Pallain, *Les Douanes Françaises*; *Customs Regulations of the U.S.*; *Colonial Import Duties and Foreign Import Duties*, published by the British Board of Trade (Cd. 7180) and (Cd. 8094); Kelly's, *Customs Tariffs of the World*.

**32.—The Foreign Exchanges,** a course of six lectures by Mr. GREGORY, on Thursdays, at 7.15 p.m., in Lent Term, beginning 10th February.

Fee, £1 2s. 6d.

**Syllabus.** 1. Foreign exchange arises out of international transactions in the widest sense of the word, and is complicated by differing currencies. The instruments used. The competition between bills of exchange and other methods of payment. Specie-points: Quotations of exchange, &c. 2. The organisation of the exchange market: acceptance and discount: the gold exchange—standard countries. Finance bills and trade bills: why the sterling exchange is the most popular form of remittance: exchange between gold and silver-using countries. 3. The regulation of the exchanges. The influence of arbitrage transactions: the method of discount-rate variations: influence of rising rates on purchases. How far war influences these methods. 4. The foreign exchanges during the War: the problems created by the outbreak of War: the course of exchange during the War: special problems influencing exchange. The future of sterling exchange.

BOOKS RECOMMENDED.—Withers, *Money Changing*; Clare, *A B C of the Foreign Exchanges*; Goschen, *Theory of the Foreign Exchanges*; O. Haupt, *Parités et Arbitrages*; Spalding, *Foreign Bills and Foreign Exchange*; Escher, *Foreign Exchange Explained*; Kemmerer, *Recent Monetary Reforms*; *Defence of the Realm Manual (Financial Edition)*; and articles by Prof. Cassel in *Economic Journal*, 1916-1918.

**33.—A.—The Trade of South and Central America, with special reference to relations with the United Kingdom,** a course of twenty lectures by Professor SARGENT on Thursdays, at 11 a.m., in Michaelmas and Lent Terms, beginning M.T. 7th October, L.T. 13th January.

A class will be held immediately after each lecture for the discussion of special problems and of sources of information.

Fee:—Lectures with class: Course, £3 15s.; Terminal, £2.  
Lectures only: „ £2 5s.; „ £1 4s.

¶ FOR EVENING STUDENTS the same course of lectures will be given on Thursdays, at 7.15 p.m., beginning 7th October. (No class in this case.)

Fee:—For the Course, £1 10s.; Terminal, 16s.

**Syllabus.** The trade of the separate States will be dealt with in relation to their agricultural and mineral resources, their actual and possible markets, transport conditions by land and sea, and financial and fiscal policy. Special attention will be given to financial and commercial relations with the chief competing Powers. The necessary geographical basis will be included in these lectures.

**34.**—**Economic Organisation of Russia**, a course of eleven lectures by BARON A. MEYENDORFF, on Mondays, at 3.45 p.m., in Michaelmas Term, beginning 4th October.

A class will be held in connection with this course immediately after each lecture.

Fee:—Lectures with class, £2 10s.; Lectures only, £1 10s.

**Syllabus.** This course will deal with the economic position of Russia in the world, explaining the chief phases of her agricultural, commercial and industrial development before and after the War, including recent changes.

1. The geographical basis; 2-4. The producing community in history, law and psychology; 5. Land, capital and labour; 6. Agriculture; 7 and 8. Commerce; 9. Industry and Transport; 10. Credit; 11. Finance.

BOOKS RECOMMENDED.—1. Mendelyev, *The Industries of Russia: Manufactures and Trade, with a General Map by the Department of Trade and Manufactures, Ministry of Finance for the World Columbian Exposition at Chicago, Edit. of the English translation, J. M. Crawford, St. Petersburg, 1893, five vols.*; 2. VI. Kovalevsky, *Russia at the end of the Nineteenth Century (in French, 1900), (Eng., 1901, for the Glasgow Exhibition)*; 3. Geoffrey Drage, *Russian Affairs, 1904*; 4. Arthur Raffalovich, *Russia, its Trade and Commerce (Lond., 1918)*; 5. I. A. Hourwich, *The Economics of the Russian Village (N.Y., 1892)*; 6. *Publications of the Youroveta Home and Foreign Trade Co., N.Y., (1918, in progress)*; 7. Peter Struve, *Past and Present of Russian Economics in "Russian Realities and Problems" (Camb., 1917)*; 8. R. Labry, *Une Législation Communiqué (Paris, 1920)*.

*N.B.*—Reference should also be made to the following course:—

No. 151.—**Industrial Structure and Problems.**

## ECONOMICS.

The letter *y* indicates that the course is a preparation for an Intermediate Examination, *z* for a Final Pass Examination, and *A* for a Final Honours Examination.

The sign ¶ indicates a course beginning at 6 p.m. or later.

**40.**—*y*.—**The Elements of Economics**, a course of thirty lectures by Mr. DALTON, on Fridays, at 10.45 a.m., beginning M.T. 8th October, L.T. 14th January, S.T. 29th April.

A class will be held in connection with this course on Fridays at 2.30 p.m., beginning 8th October.

Fee:—Lectures with class: Sessional, £5; Terminal, £2.  
Lectures only: „ £3; „ £1 4s.

¶ FOR EVENING STUDENTS the same course of lectures will be repeated on Thursdays at 7.15 p.m., beginning 7th October, with a class at 8.15 p.m. on the same day.

Fee:—Lectures with class: Sessional, £3 6s. 8d.; Terminal, £1 6s. 8d.  
Lectures only: „ £2; „ 16s. 0d.

**Syllabus.** The scope of economics. The fundamental conditions of material welfare for man in isolation and man in society. Co-operation. The effects of variation in numbers of people. The dependence of economic organisation on various social institutions. Motives tending to the satisfaction of demand; control of production by demand. Power to demand given by income. Classification of incomes. Inequality of incomes. The relation between income and material welfare. The relative material welfare of "nations" and other groups of persons inhabiting different territories. Traditional discussion of causes of variation in wages, profits, and rents.

BOOKS RECOMMENDED.—Cannan, *Wealth*; Cannan, *Money*; Clay, *Economics for the General Reader*; Taussig, *Principles of Economics*; Gide, *Principes d'Economie Politique*; Fuchs, *Volkswirtschaftslehre*.

**41.**¶—**Economic Theory**, an elementary course of 20 lectures by Mr. DRUMMOND SMITH, on Tuesdays, at 7 p.m., in Michaelmas and Lent Terms, beginning M.T. 5th October, L.T. 11th January.

This course has been specially arranged at the request of the L.C.C. for prospective teachers in Compulsory Day Training Schools, and other students will only be admitted with the approval of the Director.

**Syllabus.** The scope and method of economics. The nature and organisation of production. Capital and its functions. The division of labour. Demand and its satisfaction. Exchange, markets and prices. The functions of money. Banking and credit. The foreign exchanges. International trade. The sharing of wealth in interest, profits, rents and wages.

**42.**—*z* and *A*.—**Principles of Economics, including the History of Economic Theory**, a course of sixty lectures extending over two years, for second and third year students, by Professor CANNAN, on Tuesdays, at 12 noon, beginning M.T. 5th October, L.T. 11th January, S.T. 26th April.

Fee:—Sessional, £3; Terminal, £1 4s.

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¶ FOR EVENING STUDENTS the same course of lectures will be repeated on Tuesdays, at 6 p.m., beginning 5th October.

Fee.—Sessional, £2; Terminal, 16s.

**Syllabus.** The thirty lectures falling in 1920-21 will deal principally with production and value.

**43.—A.—Economic Theory (Classes).** Professor CANNAN will hold three special classes for students proceeding to the Final Examination for the degree of B.Sc. (Econ.):—

- (i) on Tuesdays, at 3 p.m., beginning 5th October.
- (ii) on Fridays, at 4.45 p.m., beginning 8th October.
- (iii) on Fridays, at 5.45 p.m., beginning 8th October.

Admission to these classes will be exclusively by permission of Professor CANNAN.

Fee:—Sessional, £3; Terminal, £1 4s.

**44.—Economic Theory.** Seminar by Professor CANNAN. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

*N.B.—Reference should also be made to the following courses:—*

No. 155.—Social Economics.

No. 193.—General Economics with reference to Transport.

## ETHNOLOGY.

*The letter v indicates that the course is a preparation for an Intermediate Examination, z for a Final Pass Examination, and A for a Final Honours Examination.*

*The sign ¶ indicates a course beginning at 6 p.m. or later.*

**50.—A.—Ethnology,** with special reference to methods of field work, a course of ten lectures by Professor SELIGMAN, on Wednesdays, at 2 p.m., in Michaelmas Term, beginning 6th October.

Fee:—£1 10s.

These lectures are intended to guide the student in the investigation of the lines on which social and religious thought and practice have developed among different peoples, so that he may understand their social and religious organisations. They are primarily intended for officials, missionaries, and those going among primitive and barbarous peoples.

**Syllabus.** Some fundamental conceptions; Race and Language; Methods; Awe; *Mana*; Taboo; Magic. The Cult of the Dead; its simple and more complex manifestations. Developments in the higher religions; Heroes; Divine Kings and Gods. Animism; Polytheism; Persistence of both beliefs in the higher cultures, and their importance in the more advanced religions. The relation existing between man and animals; Totemism; Animal Cults. The part played by occupation and environment in the expression of religion. Migrations and the fusion of races. Some social and religious complexes.

BOOKS RECOMMENDED.—*Notes and Queries on Anthropology* (published by The Royal Anthropological Institute); Tylor, *Primitive Culture, Anthropology*; Myres, *The Dawn of History*; Keane, *Man Past and Present*; Marett, *The Threshold of Religion*.

**51.—A.—The Arabs,** a course of eight lectures by Professor SELIGMAN, on Tuesdays, at 2 p.m., in Michaelmas Term, beginning October 5th.

Each lecture will be followed by a class.

Fee:—Lectures with class, £2 10s.

**Syllabus.** Geographic and Climatic features of Arabia. The Physical Characters of its Inhabitants, their Social organisation and mode of life. The early history of Arabia. The Holy Cities before Muhammad. The rise and spread of Islam. The Arabs in Africa, Spain and in the Far East. The Wahabi and Senussi Movements. Arab trade. Arab letters, science and art.

BOOKS RECOMMENDED.—Huart, *Histoire des Arabes*; Nicholson, *A Literary History of the Arabs*; Lane, *Arabian Society in the Middle Ages*; Margoliouth, *Mohamedanism*; Macdonald, *Aspects of Islam*; Douffé, *Magie et Religion dans l'Afrique du Nord*; Westermarck, *The Moorish Conception of Holiness (Baraka)*.

**52.—A.—The Art of Savage and Barbaric Peoples.** A course of six lectures by Professor SELIGMAN on Tuesdays, at 2 p.m., in Lent Term beginning on Tuesday, 11th January.

Each lecture will be followed by a class.

Fee:—Lectures with class, £1 17s. 6d.

[For Syllabus, see next page.]



**Syllabus.** Scope of these lectures. The available material and records. The gaps in our record and the necessity for first-hand inquiry; field work and its difficulties; methods. Chronologically early art not necessarily rude or primitive; the art of Europe in the stone ages. The place of art in the life of savage and barbaric peoples; its social functions. Varying æsthetic standards; art as an activity. Art and magic. Art and religion. Art and ceremonial life. Erotic art, display and decoration of the person. Art motives, their meaning and function; instances in which their distribution appears to be of ethnic significance. Evolution in art; evolution and degeneration of motives. Geometric designs. Contact metamorphosis. The artist and his place in tribal life. The scientific study of art, how far possible; symbolism, psychological methods of approach.

**53.—A.—Some Migrations and Culture Contacts**, a course of six lectures by Professor SELIGMAN on Wednesdays, at 4 p.m., in Lent Term, beginning 12th January.

Each lecture will be followed by a class.

These lectures are intended for students in the department of Geography as well as for those taking Ethnology.

Fee:—Lectures with class, £1 17s. 6d.

## GEOGRAPHY.

The letter *y* indicates that the course is a preparation for an Intermediate Examination, *z* for a Final Pass Examination, and *A* for a Final Honours Examination.

The sign ¶ indicates a course beginning at 6 p.m. or later.

**60.—y.—Commercial Geography.**—A general course for the Intermediate B. Com. Examination, by Mr. RODWELL JONES, assisted by Mr. BRYAN, on Tuesdays, at 10.45 a.m., beginning M.T. 5th October, L.T. 11th January, S.T. 26th April.

A class will be held in connection with this course on Tuesdays, at 4.30 p.m., beginning 5th October.

Fee:—Sessional, £5; Terminal, £2.

¶ FOR EVENING STUDENTS the same course will be given on Wednesdays, at 6 p.m., followed by a class at 7 p.m., beginning 6th October.

Fee:—Sessional, £3 6s. 8d.; Terminal, £1 6s. 8d.

**Syllabus.** M.T.—Asia. The first half of the term will be given to India, which country will be treated as a type for the explanation of fundamental principles.

L.T.—The first five lectures will be allotted to the Southern Continents, and the last five to North America, which will be treated in greater detail.

S.T.—Europe and the Mediterranean.

Students attending this course are strongly urged to provide themselves with Diercke's Schulatlas (published by Westermann), or failing this Bartholomew's Student's Atlas.

**61.—y.—Geography.**—A general course for the Intermediate B.Sc. (Econ.) Examination, by Mrs. ORMSBY, assisted by Mr. MONTGOMERIE, on Tuesdays, at 10.45 a.m., beginning M.T. 5th October, L.T. 11th January, S.T. 26th April.

A class will be held in connection with this course on Tuesdays, at 2.30 p.m., beginning 5th October.

Fee:—Sessional, £5; Terminal, £2.

¶ FOR EVENING STUDENTS the same course will be given on Wednesdays, at 6 p.m., followed by a class at 7 p.m., beginning 6th October.

Fee:—Sessional, £3 6s. 8d.; Terminal, £1 6s. 8d.

**Syllabus.** M.T.—Asia. The first half of the term will be given to India, which country will be treated as a type for the explanation of fundamental principles.

L.T.—The first five lectures will be allotted to the Southern Continents, and the last five to North America, which will be treated in greater detail.

S.T.—Europe and the Mediterranean.

The treatment of each division of the world will be physical from the regional point of view, with economic applications. The students will be required to provide themselves with certain cheap maps and diagrams, particulars of which will be given from time to time by the lecturer.

Students attending this course are strongly urged to provide themselves with Diercke's Schulatlas (published by Westermann), or failing this Bartholomew's Student's Atlas.

**62.**—Commercial Geography for Teachers, a course of twenty lectures by Mr. RODWELL JONES, on Tuesdays at 8 p.m., in the Michaelmas and Lent Terms, beginning M.T. 5th October, L.T. 11th January.

This course has been specially arranged at the request of the L.C.C. for prospective teachers in compulsory Day Training Schools, and other Students will only be admitted with the approval of the Director.

*Syllabus.* I.—The geography of the citizen. The importance of visualization.  
II.—A detailed geographical account of three great industrial regions in the British Isles as illustrating the inter-relation of physical factors and localization and migration of industry.

III.—The geography of the producing regions of the chief food and raw material supplies of the British Isles. The systematic geography of the North American continent.

IV.—A comparison of various geographical factors concerned in the development of coal and iron and steel industries in the U.S.A., United Kingdom and Germany.

**63.**—A.-G.—A Map Class in Geography will meet under the direction of Mr. RODWELL JONES and Mrs. ORMSBY, assisted by Mr. BRYAN and Mr. MONTGOMERIE, on Fridays, at 3 p.m., throughout the session, beginning M.T. 8th October, L.T. 14th January, S.T. 29th April.

Fee, £6.

Students attending this class who have paid the Composition Fee in the Faculty of Economics will be expected to pay in addition a laboratory fee of £3 a session or £1 4s. a term.

NOTE.—This course is intended primarily for teachers of Geography but the requirements of students preparing for Indian Civil Service and other examinations will be specially considered, as also the needs of those training as draughtsmen and map-compilers.

The number of students who may be admitted is limited to sixteen. Application to join must be received not later than Friday, 17th September. Preference will be given to students who have previously attended lectures on Geography at the School. Some previous knowledge of Geography is essential.

**64.**—A.-G.—A Map Class in Geography will meet under the direction of Mr. RODWELL JONES and Mrs. ORMSBY, assisted by Mr. BRYAN and Mr. MONTGOMERIE, on Saturdays, at 11 a.m., throughout the session, beginning M.T. 9th October, L.T. 15th January, S.T. 30th April, under conditions similar to those stated above.

Fee, £6.

Students attending this class who have paid the Composition Fee in the Faculty of Economics will be expected to pay in addition a laboratory fee of £3 a session or £1 4s. a term.

**65.**—G.—The Use of Instruments and Map-making, a class will meet under the direction of Mr. BRYAN and Mr. MONTGOMERIE on Mondays, at 5 p.m., in the Lent and Summer Terms, beginning L.T. 10th January, S.T. 25th April.

**66.**—A.-G.—A Class in Detailed Geography of North America will meet under the direction of Mr. RODWELL JONES, on Fridays, at 6.15 p.m., beginning M.T. 8th October, L.T. 14th January, S.T. 29th April.

Fee:—Sessional, £6; Terminal, £2 8s.

Students attending this class who have paid the Composition Fee in the Faculty of Economics will be expected to pay in addition a laboratory fee of £3 a session or £1 4s. a term.

Some previous knowledge of Geography is essential.

As the number of students who can be admitted is limited, application to join this class must be made not later than Friday, 17th September.

*Syllabus.* The region is taken district by district, and the complete geography built up from the foundations, as an illustration of geographical method. The class consists of combined lectures and discussions, and arrangements are made for lending out to students portions of large scale maps, together with books and periodicals relating to the special districts and to special aspects of the geography.

**67.**—A.-G.—Railways and Seaports of North America, a course of three lectures by Professor SARGENT, on Fridays, at 6.15 p.m., in Summer Term, beginning 13th May.

Fee:—15s.

**68.**—A.-G.—A Class in Detailed Geography of Europe will meet under the direction of Mrs. ORMSBY, on Wednesdays, at 3 p.m., beginning M.T. 6th October, L.T. 12th January, S.T. 27th April.

Fee:—Sessional, £6; Terminal, £2 8s.

Students attending this class who have paid the Composition Fee in the Faculty of Economics will be expected to pay in addition a laboratory fee of £3 a session or £1 4s. a term.

Some previous knowledge of Geography is essential.

As the number of students who can be admitted is limited, application to join this class must be made not later than Friday, 17th September.

*Syllabus.* The region is taken district by district, and the complete geography built up from the foundations, as an illustration of geographical method. The class consists of combined lectures and discussions, and arrangements are made for lending out to students portions of large scale maps, together with books and periodicals relating to the special districts and to special aspects of the geography.

BOOKS RECOMMENDED.—Lavissee, *Histoire de France*, Vol. I, by Vidal de la Blache; Cvijić, *La Péninsule Balkanique*; Philippson, *Das Mittelmeergebiet*; Mackinder, *Britain and the British Seas*; Schimper, *Plant Geography*; de Martonne, *Traité de Géographie physique*.

**69.**—A.-G.—The Geography of the Alps, regarded as the Central Feature of Europe, a course of four lectures by Sir HALFORD MACKINDER, on Wednesdays, 3 p.m., in Lent term, beginning 26th January.

Fee:—15s.

**70.**†—A.-G.—\*Historical Geography, a course of twelve lectures by Sir HALFORD MACKINDER, on Wednesdays, at 6 p.m., in Michaelmas and Lent Terms, beginning M.T. 6th October, L.T. 12th January.

Fee for the course, £1 10s.

*Syllabus.* The Geographical factor in the Political and Economic development of Western and Central Europe during the Christian Era.

Books will be recommended to students as the course progresses.

**71.**†—A.-G.—\*Historical Geography of England and Wales, a course of six lectures, by Sir HALFORD MACKINDER, on Wednesdays, at 6 p.m., in Summer Term, beginning 4th May.

Fee:—£1 2s. 6d.

**72.**†—A.-G.—\*Modern Historical Geography, a course of nine lectures by Professor SARGENT, on Thursdays, at 7 p.m., in Summer Term, beginning 28th April.

Fee:—£1 10s.

*Syllabus.* The Geographical factor in the Political and Economic development of North America.

BOOKS RECOMMENDED.—E. C. Semple, *American History and its Geographic Conditions*; A. P. Brigham, *Geography in American History*; *From Trail to Railway through the Appalachians*.

**73.**†—The Geography of London, a course of six lectures by Mrs. ORMSBY, on Tuesdays, at 6 p.m., in Lent Term, beginning 11th January.

The lectures will be illustrated by lantern slides.

Fee:—£1 2s. 6d.

**74.**—Economic Geography. Seminar by Professor SARGENT on Fridays, at 5 p.m., beginning M.T. 8th October, L.T. 14th January, S.T. 29th April.

Open to students paying either the Composition Fee or the Research Fee.

\* Candidates for an honours degree in the Faculty of Economics and Political Science must attend a course of lectures on Historical Geography.

NOTE.—The courses marked G in this section are a preparation for the Academic Diploma in Geography, and, with the addition of the lectures by Professor GARWOOD, described below, held at UNIVERSITY COLLEGE, form a complete course for the Diploma:—

The Physical Basis of Geography, a course of lectures throughout the Session by Professor GARWOOD, on Thursdays, from 5.15-7 p.m., beginning 7th October. Fee for the course, £6 6s.

N.B.—Reference should also be made to the following courses:—

No. 28.—Raw Materials of Industry and Trade.

No. 29.—International Trade.

No. 33.—Trade of South and Central America.

Nos. 50-53 in the Department of Ethnology.

**HISTORY.**

The letter *y* indicates that the course is a preparation for an Intermediate Examination, *z* for a Final Pass Examination, and *A* for a Final Honours Examination.

The sign ¶ indicates a course beginning at 6 p.m. or later.

**80.¶—y.**—World History, with special reference to the XIXth Century, a course of thirty lectures by Professor HEARNSHAW, Professor TOYNBEE, and a lecturer to be announced, on Mondays, at 6 p.m. (with the exception of series (b) below, which will be given at 7.15 p.m.), beginning M.T. 4th October, L.T. 10th January, S.T. 25th April.

Fee:—Sessional, £3; Terminal, £1 4s.

¶ FOR EVENING STUDENTS the same course will be given at 7.15 p.m., on Fridays, beginning 8th October.

Fee:—Sessional, £2; Terminal, 16s.

(a) GENERAL INTRODUCTORY SKETCH. One lecture by Professor HEARNSHAW, on Monday, 4th October, at 6 p.m. or for Evening Students on Friday, 8th October, 7.15 p.m.

(b) ANCIENT AND MEDIEVAL HISTORY, five lectures by Professor TOYNBEE, on Mondays, at 7.15 p.m., beginning 11th October, or for Evening Students on Fridays, 7.15 p.m., beginning 15th October.

(c) EARLY MODERN HISTORY. Five lectures by Professor HEARNSHAW, on Mondays, at 6 p.m., beginning 15th November, or for Evening Students on Fridays, at 7.15 p.m., beginning 19th November.

(d) THE 18TH CENTURY. Ten lectures by a lecturer to be announced, on Mondays, at 6 p.m., beginning 10th January, or for Evening Students on Fridays, at 7.15 p.m., beginning 14th January.

(e) THE 19TH CENTURY AND AFTER. Nine lectures by Professor HEARNSHAW, on Mondays, at 6 p.m., beginning 25th April, or for Evening Students on Fridays, at 7.15 p.m., beginning 29th April.

BOOKS RECOMMENDED. Text Books.—Oscar Browning, *A General History of the World*; J. L. Myres, *The Dawn of History*; D. G. Hogarth, *The Ancient East*; A. J. Grant, *A History of Europe*; H. Webster, *Early European History*; A. J. Grant, *A History of Europe*, Part III.; R. L. Ashley, *Early European Civilisation*; R. Muir, *New School Atlas of Modern History*, or *New Historical Atlas for Students*. Books of Reference. 1. General.—*Historians' History of the World*, 30 Vols.; *Encyclopædia Britannica*, 28 Vols. 2.—Ancient: J. B. Bury, *History of Greece*; Ferrero and Barbugallo, *Short History of Rome*; H. S. Jones, *The Roman Empire*. 3.—Medieval: C. W. P. Orton, *Outlines of Medieval History*; G. B. Adams, *Civilisation During the Middle Ages*. 4.—Early Modern: C. J. H. Hayes, *Political and Social History of Modern Europe*, Vol. i.; J. Oliphant, *Short History of Modern Europe*; *The Cambridge Modern History*, Vols. i.-vi. 5.—Nineteenth Century and After: C. J. H. Hayes, *Political and Social History of Modern Europe*, Vol. ii.; F. J. C. Hearnshaw, *Main Currents of European History*; *The Cambridge Modern History*, Vols. vii.-x.

**81.—y.**—The Growth of English Industry, with special reference to the period after 1760, a course of thirty lectures by Dr. KNOWLES, on Wednesdays, at 10.45 a.m., beginning M.T. 6th October, L.T. 12th January, S.T. 27th April.

Fee:—Sessional, £3; Terminal, £1 4s.

¶ FOR EVENING STUDENTS the same course will be given on Tuesdays at 6 p.m., beginning 5th October.

Fee:—Sessional, £2; Terminal, 16s.

These lectures will be throughout of an elementary character. Students attending this course should also attend the supplementary course No. 22 by Mr. Drummond-Smith.

**Syllabus.** This course will include a sketch of the development of England up to 1760, the revolution in the iron trade, in internal communication, in the textile industries and in agriculture, the effect of the great wars on English trade and finance, the development of the Factory Acts, Truck Acts, and Employers' Liability and Workmen's Compensation Acts, the growth of trade unions, the changes in the Poor Law, and the legislation with regard to the tariff changes in the nineteenth century.

BOOKS RECOMMENDED.—W. J. Ashley, *The Economic Organisation of England*; W. Cunningham and McArthur, *Outlines of English Industrial History*; Cheyney, *An Introduction to the Industrial and Social History of England*; Cunningham, *Growth of English History and Commerce*, Vols. II. and III.; Dicey, *Law and Opinion in England*; Hutchins and Harrison, *A History of Factory Legislation*; Hutchins, *The Public Health Movement*; Mantoux, *La Révolution Industrielle*; Prothero, *English Farming, Past and Present*; Webb, *History of Trade Unionism*; *Ib.*, *Industrial Democracy*; Armitage-Smith, *The Free Trade Movement*; Cunningham, *Rise and Decline of the Free Trade Movement*; Nicholson, *The History of the Corn Laws*; W. J. Ashley, *The Tariff Problem*; Bowley, *A Short Account of England's Foreign Trade in the XIXth Century*; *Ib.*, *Wages in the United Kingdom in the XIXth Century*; Hutchins, *The Public Health Agitation, 1833-48*; *Reports of the Poor Law Commissions, 1834 and 1909*, and other pertinent blue-books.

**82.¶—y.**—Industrial and Commercial History, a course of 30 lectures by Mr. Drummond Smith, on Fridays, at 6 p.m., beginning M.T. 8th October; L.T. 14th January; S.T. 29th April.

Fee:—Sessional, £3; Terminal, £1 4s.

**Syllabus.** This course treats in somewhat less detail the subjects dealt with in courses 81 and 83. It is intended for evening students preparing for the Intermediate B.Com. Examination.

**83.—y and z.**—The Growth of English Commerce and Colonisation, with special reference to the period after 1846, a course of thirty lectures by Dr. KNOWLES, on Wednesdays, at 12 noon, beginning M.T. 6th October, L.T. 12th January, S.T. 27th April.

Fee:—Sessional, £3; Terminal, £1 4s.

¶ FOR EVENING STUDENTS, the same course will be given on Tuesdays, at 7.15 p.m., beginning 5th October.

Fee:—Sessional, £2; Terminal, 16s. 0d.

**Syllabus.** This course will include a short sketch of English commercial policy and colonisation up to the beginning of the nineteenth century, the reaction from the old mercantile system, the tariff changes, the repeal of the Navi-

gation Acts, the revolution wrought by the changes in transport as regards England's commercial position, the attempt to control the railways and railway rates, the problem of the canals, the causes of England's commercial and industrial supremacy up to 1870, and the depression which followed, the more recent developments in English economic policy and trade, such as the Merchandise Marks Acts and the Sugar Bounties question, the changes during the 'free trade' era in shipping and shipping policy, the revolution in agriculture, the developments in the textile, iron, and coal trades, the policy pursued with regard to Ireland, the period of *laissez-faire* and the colonies, the development of a new Empire, the abolition of slavery, the transplantation of the coolie, the emigration of the white man, the Chartered Companies and colonisation, the reaction of the self-governing colonies on English economic policy, the abolition and partial reconstruction of the inter-imperial preference system, and the rearrangement of the commercial relations between Great Britain and the self-governing dominions beyond the seas.

BOOKS RECOMMENDED.—Fuchs, *The Trade Policy of Great Britain and Her Colonies since 1860*; Buxton, *Finance and Politics*; *Ib.*, *Mr. Gladstone as Chancellor of the Exchequer*; B. Mallet, *British Budgets, 1887-1913*; Rathgen, *Die englische Handelspolitik am Ende des 19ten Jahrhunderts*; Schulze-Gaevernitz, *Britischer Imperialismus*; Lindsay, *History of Merchant Shipping*; W. J. Ashley, Editor, *British Industries*; Nicholson, *History of the English Corn Laws*; *Ib.*, *Rents, Wages and Profits in Agriculture*; *Ib.*, *Rents and Taxes as Affecting Agriculture*; Bedford, Duke of, *Story of a Great Agricultural Estate*; Levy, *Large and Small Farms*; Bonn, *Englische Kolonisation in Irland*; *Ib.*, *Modern Ireland and her Agrarian Problem*; Acworth, *Elements of Railway Economics*; Ross, *British Railways*; Layton, *Introduction to the Study of Prices*; Chapman, *The Cotton Industry and Trade*; Clapham, *The Woollen and Worsted Industries*; Giffen, *Economic Enquiries and Studies*; Ireland, *Tropical Colonisation*; Carton de Wiart, *Les Grandes Compagnies Coloniales Anglaises du XIXe siècle*; Rathgen, *Die englische Auswanderung und Auswanderungspolitik im 19ten Jahrhundert*; S. C. Johnson, *Emigration to British North America*; Fay, *Co-operation at Home and Abroad*; Macrosty, *The Trust Movement in Great Britain*; Drage, *Imperial Organisation of Trade*.

The attention of the student will be directed from time to time to the indispensable Reports of Commissions, such as the report on the Depression in Trade, 1886; the reports on the Depression in Agriculture; the report on Shipping Subsidies, 1902; on Shipping Rings, 1909; on the decline in the Agricultural Population; on the Colonial Conferences, etc. The exceedingly valuable articles contained in the *Journal of the Royal Statistical Society*, the *Economic Journal*, the *Quarterly Journal of Economics*, Schmoller's *Jahrbuch*, and the *Journal of the Royal Colonial Institute* will also be mentioned.

**84.**—z.—The Economic Position of the Great Powers, a course of thirty lectures by Dr. KNOWLES, on Thursdays, at 10.45 a.m., beginning M.T. 7th October, L.T. 13th January, S.T. 28th April.

Fee:—Sessional, £3; Terminal, £1 4s.

¶ FOR EVENING STUDENTS, the same course of lectures will be given on Wednesdays, at 6 p.m., beginning 6th October.

Fee:—Sessional, £2; Terminal, 16s.

**Syllabus.** This course will deal with the commercial, industrial and agricultural development of Germany, France, Russia and the United States after 1789. The economic after-effects of the French Revolution leading to changes in the status of persons, freedom of movement, and free choice of occupation will be traced. The continental predominance of France up to 1870 in economic matters, the evolution of Germany from a tariff mosaic through the Customs Union into a united Empire and an industrial State of the first rank, the economic transformation of Russia from a mediæval to a modern State, the development of the United States

from an agricultural disunited country into a united industrial empire whose wheat exports vitally affected the agricultural development and policy of Europe, will be the main subjects of the lectures. Reference will also be made to the railway and shipping policies and tariff changes of the four Great Powers, while stress will be laid on the varying labour problems of each country and the attempts to deal with them. The English developments of machinery, coal and iron and mechanical transport will only be included in so far as they affect the four other countries in question. They are treated fully as regards England herself in courses 56 and 143.

M.T. (1).—The rearrangement of European economic relations after the French wars. The economic development of France during the 19th century.

L.T. (2).—The economic development of Germany and Russia.

S.T. (3).—The economic development of the United States.

BOOKS RECOMMENDED.—GENERAL: Schmoller, *Grundriss*, Vol. II., Book IV.; Percy Ashley, *Modern Tariff History*; *Cambridge Modern History*, Vol. X., Chapter Economic Change; *Report of the Labour Commission, 1893-4, Vol. on Foreign Countries*; Friedrich List *National System of Political Economy*, translated; *Consular Reports: Miscellaneous and Annual*.

SPECIAL.—FRANCE, Levasseur, *Histoire des classes ouvrières en France depuis 1789*; Amé, *Etudes sur les tarifs de douane et sur les traités de commerce*; Meredith, *Protection in France*; Franke, *Der Ausbau des heutigen Schutzzollsystems in Frankreich*; Bajkic, *Die französische Handelspolitik 1892-1902*; Imbart de la Tour, *La crise agricole en France et à l'étranger*.

GERMANY.—Sombart, *Deutsche Volkswirtschaft im 19ten Jahrhundert*; Schmoller, *Zur Geschichte der Kleingewerbe im 19ten Jahrhundert*; Goltz, *Geschichte der deutschen Landwirtschaft*; Knapp, *Die Bauernbefreiung*; Weber, *Der Deutsche Zollverein*; Lotz, *Die Ideen der deutschen Handelspolitik vom 1860-1891*; *Ib.*, *Handelspolitik des deutschen Reiches unter Graf Caprivi und Fürst Hohenlohe*; *Ib.*, *Verkehrsentwicklung in Deutschland*; Dawson, *Protection in Germany*; *Ib.*, *Evolution of Modern Germany*; W. J. Ashley, *Progress of the German Working Classes*; *Consular Report on the Commercial, Industrial, Maritime and Traffic Interests in Germany, 1871-98*, No. 490, 1899.

UNITED STATES.—*Cambridge Modern History*, Vol. VII., chapter 22; *The Economic Development of the United States*; Oliver, *Alexander Hamilton*; Rabbeno, *American Commercial Policy*; Taussig, *Tariff History of the United States*; Hammond, *The Cotton Industry*; Sering, *Die landwirtschaftliche Konkurrenz Amerikas*; Levy, *Die Stahlindustrie der Vereinigten Staaten von Amerika*; Coman, *The Industrial History of the United States*; v. Halle, *Baumwollproduktion und Pflanzungswirtschaft in den Nord Amerikanischen Süd-Staaten*; *The United States Census: The United States Industrial Commission*; Jenks and Lanck, *The Immigration Problem*. Also articles in *Journal of Economics and Political Science Quarterly*.

RUSSIA.—Wittschewsky, *Russlands Handels-, Zoll-, und Industriepolitik*; Wallace, *Russia*; Drage, *Russian Affairs*; Golovin, *Finanzwirtschaft Russlands*; Schulze-Gaevernitz, *Volkswirtschaftliche Studien aus Russland*.

**85.**—z.—The Political Position of the Great Powers, a course of 30 lectures, by Mr. LASKI, on Wednesdays, at 10.45 a.m., beginning M.T. 6th October, L.T. 12th January, S.T. 27th April.

A class will be held in connection with this course on Thursdays, at 10.45 a.m., beginning 7th October.

Fee:—Lectures with class: Sessional, £5; Terminal, £2.  
Lectures only: „ £3; „ £1 4s. 0d.

¶ FOR EVENING STUDENTS, the same course of lectures will be given on Wednesdays, at 7.15 p.m., beginning 6th October, and, on and after February 9th, will be preceded by a class at 6 p.m.

Fee:—Lectures with class: Sessional, £2 13s. 4d.  
Lectures only: „ £2 0s. 0d. Terminal, 16s. 0d.

[For Syllabus, see next page.]

**Syllabus.** The course will be a general survey of the political history of Europe since 1815 until the outbreak of the recent war, with some special consideration of the history of the United States and of the history of revolutionary movements since that time. Particular attention will be devoted to the period since 1870. In the Michaelmas Term the period from 1815-1848 will be discussed; in the Lent Term the period from 1848 until 1898; and in the Summer Term the period from 1898 to the present time.

BOOKS RECOMMENDED.—Lipson, *Europe in the Nineteenth Century*; Debidour, *Histoire Diplomatique de l'Europe* (3 vols.); Cambridge Modern History, vols. X, XI, and XII.

**86.**—z.—**Economic Development of the Empire**, a course of 30 lectures by Mr. JOYNT, on Tuesdays, at 12 noon, beginning M.T. 5th October, L.T. 11th January, S.T. 26th April.

Fee:—Sessional, £3; Terminal, £1 4s.

¶ FOR EVENING STUDENTS the same course of lectures will be given on Wednesdays, at 7.15 p.m., beginning 6th October.

Fee:—Sessional, £2; Terminal, 16s. 0d.

The course will deal with the commercial, industrial and agricultural development of the principal constituent parts of the Empire.

**Syllabus.** M.T. The Indian Empire:—The country and its problems, agricultural development and the Land Tax, famine and irrigation, railway development, economic transition and the growth of native industry; tariffs and the development of foreign trade.

L.T. (a) The British Dominions in Australasia and Africa. (b) Egypt and the African Dependencies.

S.T. (a) The Dominion of Canada:—The results of Federation, railways and the development of the middle-west, industrial progress, tariff history, the commercial relations between Canada and the United States and Canada and the West Indies. (b) The West Indies:—The decline of the old sugar economy, the new agriculture, the Panama Canal. (c) Colonial Conferences and Imperial Trade. Official and other publications will be referred to and recommended for study in the course of the lectures.

**87.**—a.—**Economic History from 1485**, a course of thirty lectures by Mr. TAWNEY, on Mondays, at 6 p.m. beginning M.T. 4th October, L.T. 10th January, S.T. 25th April.

A class will be held in connection with this course immediately after each lecture.

Fee:—Lectures with class: Sessional, £5; Terminal, £2.  
Lectures only: „ £3; „ £1 4s.

**88.**—**Economic History.** Seminar by Dr. KNOWLES. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

*N.B.*—Reference should also be made to the following courses:—

- No. 22.—Elements of Industrial Organisation.  
No. 105.—Constitutional Law and Its History (Part I).  
No. 106.—„ „ „ (Part II.).  
No. 152.—Social History.  
No. 156.—Social Developments from 1760.

## LAW.

The letter *v* indicates that the course is a preparation for an Intermediate Examination, *z* for a Final Pass Examination, and *A* for a Final Honours Examination.

The sign ¶ indicates a course beginning at 6 p.m. or later.

**100.**¶—z.—\* **Industrial Law**, an introductory course of eleven lectures by Professor GUTTERIDGE, on Mondays, at 6 p.m., in Michaelmas Term, beginning 4th October.

A class in connection with this course will be held immediately after each lecture.

Fee:—Lectures, with Class, £2 10s.; Lectures only, £1 10s.

(a)—GENERAL PRINCIPLES OF THE LAW OF EMPLOYERS AND WORKMEN: two lectures, beginning 4th October.

(b)—FACTORY LAW: three lectures, beginning 18th October.

(c)—WORKMEN'S COMPENSATION AND EMPLOYERS' LIABILITY: three lectures, beginning 8th November.

(d)—TRADE UNIONS: three lectures, beginning 29th November.

BOOKS RECOMMENDED.—Macdonnell, *Master and Servant*; Redgrave, *Factories and Workshops*; Cohen, *Trade Union Law*; Willis, *Workmen's Compensation*.

**101.**¶—z. and A.—**Commercial Law (Part I.)**, a course of thirty lectures by Professor GUTTERIDGE and Mr. A. PAGE, on Fridays, at 6 p.m., beginning M.T. 8th October, L.T. 14th January, S.T. 29th April.

A class in connection with this course will be held immediately after each lecture. Only such students as are members of the class will be admitted to the examination at the end of the course.

Fee:—Lectures with class: Sessional, £5.  
Lectures only „ £3.

\* (a)—GENERAL PRINCIPLES OF THE LAW OF CONTRACT, eleven lectures by Mr. PAGE, in M.T., beginning 8th October.

Fee:—Lectures with class, £2 10s.; Lectures only, £1 10s.

\* † (b)—SALE OF GOODS, five lectures by Professor GUTTERIDGE, in L.T., beginning 14th January.

Fee:—Lectures with class, £1 17s. 6d.; Lectures only, £1 2s. 6d.

\* † (c)—NEGOTIABLE INSTRUMENTS, five lectures by Professor GUTTERIDGE, in L.T., beginning 18th February.

Fee:—Lectures with class, £1 17s. 6d.; Lectures only, £1 2s. 6d.

\* † (d)—BANKING AND GUARANTEE, five lectures by Professor GUTTERIDGE, in S.T., beginning 29th April.

Fee:—Lectures with class, £1 17s. 6d.; Lectures only, £1 2s. 6d.

\* † (e)—AGENCY, four lectures by Professor GUTTERIDGE, in S.T., beginning 3rd June.

Fee:—Lectures with class, £1 5s.; Lectures only, 15s.

\* Courses marked thus are intended for students taking Industrial and Commercial Law in the final pass examination for the B.Sc. (Econ.) Pass degree.

† Courses marked thus are intended for students working for the LL.B. degree.

**102.** ¶—z.—**Commercial Law (Part II.)**, a course of thirty lectures by Professor GUTTERIDGE and Mr. A. PAGE, on Mondays, at 6 p.m., beginning M.T. 4th October; L.T. 17th January (last lecture in L.T. 21st March); S.T. 25th April.

A class will be held in connection with this course immediately after each lecture. Only such students as are members of the class will be admitted to the examination at the end of the course.

Fee:—Lectures with class: Sessional £5.  
Lectures only „ £3.

† (a)—**BANKRUPTCY**, eleven lectures by Mr. PAGE, in M.T., beginning 4th October.

Fee:—Lectures with class, £2 10s.; Lectures only, £1 10s.

\* † (b)—**CARRIAGE BY LAND AND SEA**, five lectures by Professor GUTTERIDGE, in L.T., beginning 10th January.

Fee:—Lectures with class, £1 17s. 6d.; Lectures only, £1 2s. 6d.

\* † (c)—**MARINE INSURANCE**, five Lectures by Professor GUTTERIDGE, in L.T., beginning 14th February.

Fee:—Lectures with class, £1 17s. 6d.; Lectures only, £1 2s. 6d.

\* † (d)—**COMPANY LAW**, five lectures by Professor GUTTERIDGE, in S.T., beginning 25th April.

Fee:—Lectures with class, £1 17s. 6d.; Lectures only, £1 2s. 6d.

\* † (e)—**PARTNERSHIP**, four lectures by Professor GUTTERIDGE, in S.T., beginning 30th May.

Fee:—Lectures with class, £1 5s.; Lectures only, 15s.

BOOKS RECOMMENDED.—Anson, *Contracts*; Pollock, *Contracts*; Chalmers, *Sale of Goods Act*; Carver, *Carriage by Sea*; Scrutton, *Charter Parties*; Arnould, *Marine Insurance*; Gow, *Marine Insurance*; Chalmers, *Bills of Exchange*; Pollock, *Partnership*; Buckley, *Companies*; Palmer, *Company Law*; Williams, *Bankruptcy*; Paget, *Banking*; Rowlatt, *Principal and Surety*; Bowstead, *Agency*; General Text Books: Smith, *Mercantile Law*; Stevens, *Mercantile Law*.

**103.** ¶—z.—**Elements of Commercial Law (Part I.)**, a course of thirty lectures by Professor GUTTERIDGE, on Thursdays, at 6 p.m., beginning M.T. 7th October, L.T. 13th January, S.T. 28th April.

This course and the following one (104) have been designed to meet the requirements of students who are candidates for the B.Com. degree; the subjects will be treated from the commercial standpoint.

Fee:—Sessional, £3; Terminal, £1 4s.

M.T. (a) **PRINCIPLES OF THE LAW OF CONTRACT**, six lectures, beginning 7th October.

(b) **SALE OF GOODS**, five lectures, beginning 18th November.

L.T. (c) **NEGOTIABLE INSTRUMENTS AND BANKING**, five lectures, beginning 13th January.

(d) **CARRIAGE BY LAND AND SEA**, five lectures, beginning 17th February.

S.T. (e) **MARINE INSURANCE**, five lectures, beginning 28th April.

(f) **INSURANCE, OTHER THAN MARINE**, two lectures, beginning 2nd June.

(g) **PATENTS AND TRADE MARKS**, two lectures, beginning 16th June.

\* Courses marked thus are intended for students taking Industrial and Commercial Law in the final pass examination for the B.Sc. (Econ.) Pass degree.

† Courses marked thus are intended for students working for the LL.B. degree.

**104.**—z.—**Elements of Commercial Law (Part II.)**, a course of fifteen lectures by Professor GUTTERIDGE, on Thursdays, at 12 noon, in Lent and Summer Terms, beginning L.T. 10th February, S.T. 28th April.

Fee for the course: £2 5s.

¶ FOR EVENING STUDENTS the same course will be given at 7.15 p.m. on Thursdays, beginning 10th February.

Fee:—For the course: £1 10s.

L.T. **BANKRUPTCY**, five lectures beginning 10th February.

L.T. } **AGENCY, PARTNERSHIP, AND GUARANTEE**, five lectures, beginning  
S.T. } 17th March.

S.T. **COMPANIES, INCLUDING STATUTORY BODIES**, five lectures, beginning 26th May.

BOOKS RECOMMENDED.—Anson, *Contracts*; Chalmers, *Sale of Goods*; Chalmers, *Bills of Exchange*; Scrutton, *Charter Parties*; Chalmers, *Marine Insurance*; Macgillivray, *Insurance*; Moulton, *Patents*; Manson, *Bankruptcy*; Pollock, *Partnership*; Bowstead, *Agency*; Paget, *Banking*; Topham, *Company Law*.

**105.** ¶—z. and A.—**Constitutional Law and its History (Part I.)**—Thirty lectures by Dr. BELLOT, on Mondays, at 6.15 p.m., beginning M.T. 4th October, L.T. 10th January, S.T. 25th April.

A class will be held in connection with this course immediately after each lecture.

Fee:—Lectures with class: Sessional, £5; Terminal, £2.  
Lectures only: „ £3; „ £1 4s.

M.T.—Nature of Constitutional Law. Sovereignty. Nationality and Allegiance. Treason. Sedition. Riot and Unlawful Assembly. Liberty of the Subject. Libel and Slander. Newspaper Libel.

L.T.—The Courts and the Constitution. King's Council. Continual Council. Privy Council. National Assembly. Privileges of the H. of C. Supply and Taxation. Cabinet.

S.T.—Judicial Committee of the Privy Council and the House of Lords. Executive Departments. Legal Liability of the Executive. Prerogative of the Crown. Armed Forces of the Crown. Legal Effects of a State of War. Defence of the Realm Acts. Martial Law. Superior Orders. Trial by Jury. State and Church. Indian Constitution. Colonial Constitutional Law. Imperial Federation.

**106.** ¶—z and A.—**Constitutional Law and its History (Part II.)**—Thirty lectures by Dr. BELLOT, on Fridays, at 6.15 p.m., beginning M.T. 8th October, L.T. 14th January, S.T. 29th April.

A class will be held in connection with this course immediately after each lecture.

Fee:—Lectures with class: Sessional, £5; Terminal, £2.  
Lectures only: Sessional, £3; Terminal, £1 4s.

**Syllabus.** This second year course is designed to serve as an advanced course of study in constitutional law. It will deal mainly with the inter-action of central and local government and the legal relations of the courts and the Executive. Among the subjects treated are the following: I. The ministerial and

judicial functions of Justices of the Peace at Petty Sessions, Quarter Sessions, Licensing Meetings, and in the Standing Joint Committee. II. The organisation and legal powers and duties of Parish Councils, Rural and Urban District Councils, Boards of Guardians, Town Councils, and County Councils. III. The Local Government Franchise. IV. The law of rating, the classification of rates, and the duties and powers of Overseers, Assessment Committees and Justices. V. The relations between Central and Local Finance, including Grants-in-aid and Assigned Revenues. VI. The Police and their legal duties, including the law of Arrest. VII. The legal liability of local authorities and the effect of Central Control upon the degree of liability, including a discussion of the effect of Statutes imposing duties and conferring powers, the scope of the writs of *certiorari* and *mandamus*, and of Injunctions, the Public Authorities Protection Act, etc. VIII. Subordinate legislation. Departmental rules and orders and bye-laws and their control by the courts. Provisional Orders and Private Bills. IX. The organisation of the Central Government—powers of the Departments as administrative tribunals, rule-making authorities, and auditors, and the degree to which they are subject to judicial control. X. The Compulsory Purchase of Land by Public Authorities—the provisions of the Land Clauses Acts and the law as to the assessment of compensation.

The course will also deal specifically with the following subjects of public administration and the law (statutes and cases) relating thereto: Public Health, Housing, Small Holdings, Poor Law, National Insurance, Old Age Pensions, Factory Acts, Trades Boards Act, Labour Exchanges Act, Education, Licensing, Highways.

BOOKS RECOMMENDED.—Dicey, *The Law of the Constitution*; Anson, *Law and Custom of the Constitution*; Lowell, *Government of England*; Broom, *Constitutional Law*; Maitland, *Constitutional History*; Redlich, *The Procedure of the House of Commons*; Ilbert, *Legislative Methods and Forms*; Ilbert, *Government of India*; Robertson, *Proceedings against the Crown*; Tarring, *Law relating to the Colonies*; Redlich and Hirst, *Local Government: The Encyclopædia of Local Government Law*; *The Law Quarterly Review* (*passim*); Wright and Hobhouse, *English Local Government*; Craies, *Statute Law*; "Select Documents" (Stubbs, Gardiner, Prothero, Robertson); Holdsworth, *History of English Law*; Jenkyns, *British Rule and Jurisdiction beyond the Seas*; Hall, *Foreign Jurisdiction of the Crown*; Pollock and Maitland, *History of English Law*; The Selden Society publications; The Law Reports, etc.; Reports of Select Committees of the House of Commons; Thomas, *Leading Cases in Constitutional Law*; Fraser, *Law of Libel*; Pollock, *The Expansion of the Common Law*; Harrison Moore, *Act of State in English Law*; Burge, *Foreign and Colonial Law*; McKechnie, *Magna Carta*.

Advanced students who are interested in comparative constitutional law are invited to consult the lecturer as to the choice of authorities. Dr. BELLOT will be glad to see students desiring to consult him at his chambers, 2, King's Bench Walk, Temple, on Fridays, between 5.30 and 6 p.m., during term.

**107.—Constitutional Law (Class).** Dr. BELLOT will hold a special class in Summer Term for students in Faculty of Laws, for the discussion of cases and statutes and the interpretation of mediæval documents.

**108.†—z and A.—Constitutional Law of British Empire**, a course of twenty lectures by Dr. BELLOT, given at UNIVERSITY COLLEGE, on Thursdays, at 6.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 7th October, L.T. 13th January.

Fee for the course:—£1 11s. 6d.

**109.†—z and A.—History of English Law**, a course of nineteen lectures by Dr. BELLOT, given at UNIVERSITY COLLEGE, on Thursdays, at 7.15 p.m., in Lent and Summer Terms, beginning L.T. 13th January, S.T. 28th April.

Fee:—£1 11s. 6d.

**110.—z and A.—International Law (Peace)**, a course of thirty lectures by PROFESSOR PEARCE HIGGINS, on Mondays, at 3.30 p.m., beginning M.T. 4th October, L.T. 10th January, S.T. 25th April.

A class will be held in connection with this course immediately after each lecture.

Fee:—Lectures, with class: Sessional, £5; Terminal, £2.  
Lectures only: Sessional, £3; Terminal, £1 4s.

M.T.—**The Law of Nations Concerning its Subjects.**—I. Introduction.—Nature, basis, sources, dominion, codification, and science of international law. Its historical development. The League of Nations. II. **States as Subjects of the Law of Nations.**—Conception of State and of sovereignty. Recognition. Changes in condition of States. Extinction and succession of States. States in personal and in real union. Confederated and federal States. Suzerain and vassal States. States under protection. Neutralised States. III. **Characteristics of States within the Family of Nations.**—Personality. Equality. Rank and titles. Independence. Territorial and personal supremacy. Dignity. Intercourse. Intervention. The Monroe doctrine. The Drago doctrine. IV. **Responsibility of States.**—International delinquencies. Responsibility for acts of State organs and of private individuals.

L.T.—**The Law of Nations Concerning its Objects.**—I. **State Territory.**—Conception. Kinds and parts of territory. Rivers. Landlocked seas. Canals. Marginal belt of sea. Gulfs and bays. Straits. Boundaries of territory. State servitudes. Modes of acquiring territory. Session. Occupation. Accretion. Conquest and subjugation. Prescription. Loss of territory. II. **The Open Sea.**—Historical development. Conception of open sea. The freedom of the open sea. Jurisdiction. Piracy. Fisheries. Telegraph cables. Verification of flag, visit, search. III. **Individuals.**—Position of individuals in international law. Nationality. Naturalisation. Double and absent nationality. Reception, treatment, expulsion of foreigners. Right of asylum. Extradition.

S.T.—**The Law of Nations Concerning International Transactions and the Organs by which they are Conducted.**—I. **Heads of States.**—Monarchs, Presidents of Republics. Foreign offices. II. **Diplomatic Envoys.**—The institution of legation and diplomacy. Right of legation. Kinds, classes, appointment, reception of diplomatic envoys. Their functions and position, their inviolability and extritoriality. The retinue of envoys. Termination of diplomatic mission. III. **Consuls.**—Consular organisation. Appointment, functions, position, privileges of consuls. Termination of consular office. Consuls in non-Christian States. IV. **Miscellaneous Organs.**—Armed forces in foreign territory and men-of-war in foreign waters. Agents without diplomatic character. International Commissions. International offices. The Hague Court of Arbitration. V. **International Transactions.**—Negotiations, congresses, and conferences. Character and functions of treaties, their subjects and objects, their form and parts. Ratification. Expiration, dissolution, voidance, cancellation of treaties. Law-making treaties. Alliances. Treaties of guarantee and protection. General treaties concerning common non-political interests.

BOOKS RECOMMENDED.—Hall, *International Law* (7th ed., 1917); Oppenheim, *International Law*, Vol. I. Peace (2nd ed., 1911); Westlake, *International Law*, Vol. I., Peace (Cambridge, 1910); Lawrence, *Principles of International Law* (4th ed., 1910);

[contd.]



Ullmann, *Völkerrecht* (2nd ed., Tübingen, 1908); Bonfils, *Manuel de Droit International Public* (6th ed., by Fauchille, Paris, 1912); Despagnet, *Cours de Droit International Public* (4th ed., by de Boeck, 1910). For reference, the works of Phillimore, Twiss, Halleck, Taylor, Wheaton, in English; Rivier, Calvo, Pradier-Fodéré, in French; Heffter, Bluntschli, Holtzendorff, in German.

For collections of International Conventions, see A. Pearce Higgins, *The Hague Peace Conferences* (Cambridge, 1909), E. A. Whittuck, *International Documents* (London, 1908), and *The Great European Treaties of the Nineteenth Century*, by Sir Augustus Oakes and R. B. Mowatt (Oxford, 1918). *Leading Cases on International Law*, by N. Bentwich, Pitt Cobbett, J. B. Scott, and L. B. Evans (1917), should also be consulted.

**111.**—z and A.—**International Law (War and Neutrality)**, a course of thirty lectures by Professor PEARCE HIGGINS, on Fridays, at 3 p.m., beginning M.T. 8th October, L.T. 14th January, S.T. 29th April.

A class will be held in connection with this course on Fridays, at 7 p.m., beginning 15th October.

Fee:—Lectures, with class: Sessional, £5; Terminal, £2.  
Lectures only: Sessional, £3; Terminal, £1 4s.

**Syllabus.** M.T.—The Law of Nations Concerning War.—I. Introduction. Settlement of State Differences without War.—Negotiation. Good Offices. Mediation. Arbitration. The League of Nations Tribunal. Retorsion. Reprisals. Pacific blockade. Intervention. II. War.—Characteristics of War. Causes, kinds, and ends of war. So-called laws of war. Region of war. The belligerents. The armed forces of the belligerents. Enemy character. Commencement of war. Effects of outbreak of war. III. Warfare on Land.—Violence against enemy persons. The wounded and the dead. Captivity. Appropriation and utilisation of public and private enemy property. Requisitions and contributions. Destruction of enemy property. Assault, siege, and bombardment. Espionage, treason, ruses. Occupation of enemy's territory.

L.T.—The Law of Nations Concerning War (continued).—IV. Warfare on Sea.—Attack and seizure of enemy vessels. Appropriation and destruction of enemy merchantmen and their goods. Violence against enemy persons. The wounded and the shipwrecked. Espionage, treason, ruses. Requisitions. Contributions. Bombardment. V. Non-Hostile Relations of Belligerents.—Passports. Safe-conducts. Safeguards. Flags of Truce. Cartels. Capitulations. Armistices. VI. Means of Securing Legitimate Warfare.—Complaints, good offices, mediation, and intervention. Reprisals. Punishment of war crimes. Taking of hostages. VII. End of War.—Simple cessation of hostilities. Conquest and subjugation. Treaty of peace. Effects of treaty of peace. Performance of treaty of peace. Postliminium.

S.T.—The Law of Nations Concerning Neutrality.—I. Neutrality in General.—Development of the institution of neutrality. Characteristics of neutrality. Kinds of neutrality. Commencement and end of neutrality. II. Relations between Belligerents and Neutrals.—Rights and duties deriving from neutrality. Neutrals and military operations. Neutrals and military preparations. Neutral asylum to soldiers and naval forces. Neutral supplies and loans to belligerents. Neutral maritime services to belligerents. Violation of neutrality. Right of Angary. III. Blockade.—Strategic and commercial, outwards and inwards. Establishment of blockade. Effectiveness of blockade. Breach of blockade. IV. Contraband.—What articles are contraband. Carriage of contraband. Penalty of contraband. Unneutral Service. V. Visitation, Capture, and Trial of Neutral Vessels.—Right of visitation. Mode of visitation. Resistance against visitation. Irregularities regarding ship-papers. Capture. Trial of captured neutral vessels by prize courts.

BOOKS RECOMMENDED.—Hall, *International Law* (7th ed., 1917); Holland, *The Laws of War on Land* (1908); Lawrence, *Principles of International Law* (4th ed., 1910); Oppenheim, *International Law*, Vol. II., War and Neutrality (2nd ed. 1912); Westlake, *International Law*, Vol. II., War (1913); Edmonds and Oppenheim, *Land Warfare* (1912); Bonfils, *Manuel de Droit International* (6th ed., by Fauchille, 1912); Despagnet, *Cours de Droit International Public* (4th ed., by de Boeck, 1910); Ullmann, *Völkerrecht* (2nd ed., 1908). For reference, the works of Phillimore, Twiss, Halleck, Taylor and Wheaton in English; Calvo, Pradier-Fodéré, Rivier in French; Bluntschli, Heffter, Holtzendorff in German.

For collections of International Conventions see A. Pearce Higgins, *The Hague Peace Conferences* (Cambridge, 1909); E. A. Whittuck, *International Documents* (London, 1908); *Leading Cases on International Law*, by N. Bentwich, Pitt Cobbett, J. B. Scott, and L. B. Evans (1917); and *The Great European Treaties of the Nineteenth Century*, by Sir Augustus Oakes and R. B. Mowatt (Oxford, 1918). Roscoe's *English Prize Cases* and *British and Colonial Prize Cases* should also be studied.

**112.**—**International Law as affecting the work of Consuls**, a course of eight lectures by Professor PEARCE HIGGINS, at 4.30 p.m., on Fridays, in Michaelmas Term, beginning 15th October.

This course is intended for probationer Vice-Consuls sent by the Foreign Office, and others will be admitted only by special arrangement.

**113.**—**International Law and the Treaty of Versailles**, a course of six lectures by Professor PEARCE HIGGINS in Lent Term at a time to be fixed later.

Fee:—£1 2s. 6d.

**Syllabus.** Treaties of peace terminating war; the Armistice and the Treaty; the Fourteen Points; the League of Nations, its connection with the Treaty; the rearrangement of the Map of the World; Self-determination; Mandates; Limitation of Armaments; Penalties and Reparation; International Waterways: Guarantees for the execution of the Treaty.

**114.**—A.—**The Law of Carriage by Railway**, a course of twenty lectures by Mr. W. VALENTINE BALL, on Wednesdays, at 6 p.m., in Michaelmas and Lent Terms, beginning M.T. 6th October, L.T. 12th January.

Fee:—For the course, £2 5s.; Terminal, £1 4s.

Students attending these lectures may write weekly essays for the lecturer, and an examination will be held at the end of the course.

**Syllabus.** I. The Carriage of Goods.—The rights and liabilities of the common carrier. The Carriers Act. The Railway and Canal Traffic Act, 1854. Special contracts of carriage. The ordinary conditions of a consignment note. Stoppage *in transitu*. Through traffic. Rights and liabilities after completion of transit. Rates. Recovery of charges. Animals. Passengers' luggage. Reasonable facilities. Undue preference.

II. The Carriage of Persons.—Responsibility for the safety of passengers and others. Negligence and contributory negligence. The contract with the passenger. The ticket and the time-table. Through tickets. Bye-laws and offences.

BOOK RECOMMENDED.—Disney, *The Law of Carriage by Railway*, 4th ed.

**115.**—**International Law**. Seminar by Professor PEARCE HIGGINS. Time to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

**116.**—Commercial and Industrial Law. Seminar by Professor GUTTERIDGE. Time to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

**N.B.**—Advanced Students who are interested in Comparative Commercial or Industrial Law are invited to consult Professor GUTTERIDGE, who will be glad to make an appointment for that purpose.

Other lectures in the Faculty of Laws to which the Composition Fee in that Faculty gives access.

†i. Roman Law, by Professor MURISON, on Tuesdays and Thursdays, at 6 p.m., beginning 12th October. Held at University and King's Colleges. First meeting at University College. (60 hrs.) Fee, Sessional, £7 17s. 6d.; Terminal, £3 3s.

†ii. The Origin, History, and General Principles of English Equity, Jurisprudence, etc., by Mr. HURST, on Tuesdays, at 6.15 p.m., beginning 12th October. (50 hrs.) Fee, Sessional, £7 17s. 6d.; Terminal, £3 3s.

†iii. Civil Procedure, by Mr. HURST, on Tuesdays, at 7 p.m., in Michaelmas Term, beginning 12th October. (10 hrs.) Fee, £1 11s. 6d.

†iv. Indian Law, by H. A. Sabonadière, on Tuesdays and Thursdays, at 2 p.m. (60 hrs.) Fee, Sessional, £7 17s. 6d.; Terminal, £3 3s.

††v. Comparative Law, in Michaelmas and Lent Terms. (20 hrs.) Open to the public without fee.

†vi. Roman Dutch Law, by Professor MURISON, on Tuesdays, at 4 p.m., beginning 12th October. (30 hrs.) Fee, Sessional, £7 17s. 6d.; Terminal, £3 3s.

\*Roman Law. See No. i. above.

\*vii. Jurisprudence, Analytical and Historical, by Dr. HIBBERT, on Thursdays, at 7 p.m., beginning 7th October. (45 hrs.) Fee, Sessional, £6 6s.; Terminal, £2 2s.

\*viii. Elements of Contract and Tort, by Mr. HUSSEY GRIFFITH, on Fridays, at 6 p.m., beginning 8th October. (45 hrs.) Fee, Sessional, £6 6s.; Terminal, £2 2s.

\*ix. Criminal Law and Procedure, by Mr. ARTHUR PAGE, on Wednesdays, at 6 p.m., in Lent and Summer Terms, beginning 12th January. (20 hrs.) Terminal Fee, £1 11s. 6d.

\*x. Law of Evidence, by Dr. HIBBERT, on Thursdays, at 6 p.m., in Summer Term, beginning 28th April. (10 hrs.) Fee, £1 11s. 6d.

\*xi. Law of Real and Personal Property, by Mr. MACKAY, on Mondays, at 5.30 p.m., beginning 11th October. (60 hrs.) Fee, Sessional, £7 17s. 6d.; Terminal, £3 3s.

\*xii. Private International Law, by Dr. HIBBERT, on Thursdays, at 6 p.m., in Michaelmas and Lent Terms, beginning 7th October. (20 hrs.) Terminal Fee, £1 11s. 6d.

\*xiii. History of Law of Real Property, by Mr. MACKAY, on Fridays, at 5.30 p.m., in Michaelmas Term, beginning 8th October. (10 hrs.) Fee, £3 3s.

\*xiv. Banking Law, on Mondays or Thursdays at 6.30 p.m., in Lent Term, beginning 10th January. (4 hrs.) Free to Bank Clerks. Lecturer to be announced later.

And others.

\* At King's College.

† At University College.

†† Time to be arranged.

## LOGIC AND SCIENTIFIC METHOD.

The letter *x* indicates that the course is a preparation for an Intermediate Examination, *z* for a Final Pass Examination, and *A* for a Final Honours Examination.

The sign ¶ indicates a course beginning at 6 p.m. or later.

**120.**—*x*.—Logic and Scientific Method, a general course of thirty lectures by Dr. WOLF, on Thursdays, at 11 a.m., beginning M.T. 7th October, L.T. 13th January, S.T. 28th April.

A class in connection with this course will be held immediately after each lecture.

Fee:—Lectures with class: Sessional, £5; Terminal, £2.

Lectures only: „ £3; „ £1 4s. 0d.

¶ FOR EVENING STUDENTS the same course will be given on Mondays, at 6 p.m., beginning 4th October, and will be followed by a class at 7 p.m.

Fee:—Lectures with class: Sessional, £3 6s. 8d.; Terminal, £1 6s. 8d.

Lectures only: „ £2; „ 16s. 0d.

**Syllabus.** Logic and psychology. Analysis of Experience. Perception and Apperception. Memory. Imagination. Conception. Association of ideas, logical and non-logical. Spontaneous and logical concepts. Thought and language. Organisation of concepts in systems. Conflict of systems. Belief. Judgment. Universe of di-course. Inference, implicit and explicit. The influence of feeling and desire on thought. Deduction and induction. Postulates of thought.

Terms and their classification, extension, intension, and connotation. Predicables, definition, division, and classification. Import and classification of propositions. Opposition of propositions. Forms of immediate inference. Syllogism and other deductive inferences.

Ground of induction. Uniformity of nature. Causation. Observation and experiment. Inductive methods. Quantitative induction. Scientific explanations. Mathematical, Physical, and Historical Methods. Nature and functions of hypothesis. Analogy. Chance. Theory of probability and its logical foundations.

BOOKS RECOMMENDED.—J. S. Mill, *A System of Logic*; C. Read, *Logic, Deductive and Inductive*; A. Wolf, *Exercises in Logic*; J. Dewey, *How We Think*; W. B. Pillsbury, *The Psychology of Reasoning*; W. S. Jevons, *The Principles of Science*; J. N. Keynes, *The Scope and Method of Political Economy*; A. De Morgan, *An Essay on Probabilities*; J. Venn, *Empirical Logic*; A. Wolf, *Studies in Logic*.

**121.**¶—*x*.—Logic and Scientific Method (Class). Dr. WOLF will hold a special class on Tuesdays, at 6 p.m., in Summer Term, beginning 26th April, for students proceeding to the Intermediate Examination in the Faculty of Economics and Political Science.

**122.**¶—*z*.—Logic and Scientific Method (senior course), a course of fifteen lectures by Dr. WOLF, on Thursdays, at 6 p.m., in Lent and Summer Terms, beginning L.T. 10th February, S.T. 28th April.

Fee:—For the course, £2 5s.

[For Syllabus, see next page.]

These lectures are intended for B.Sc. (Econ.) Pass candidates who took Logic in the intermediate examination. They are the continuation of the course by Professor Bowley on "Methods and Applications of Statistics" in 1919-20 (No. 12 in Calendar, lectures 1-15).

**Syllabus.** Comparison of Economics with Physics and Biology. Relation of Economics to Psychology, Ethics, Politics and Sociology. The inductive methods and their application to Economic Investigation (*e.g.*, causes of fluctuation in market value and wages, of commercial crises, and of foreign exchanges). Functions of hypothesis in induction; its application and verification. Principles that should guide sociological nomenclature; definition of such ambiguous terms as institution, race, custom, law, religion, survival, state of society. Principles of sociological classification; the determination of sociological and psychological groups and types. Criticism of the use of analogy in sociology (*e.g.*, how far the biological concepts of organism and organisation apply in social phenomena). Applications of logical and statistical methods to sociological problems (*e.g.*, health, education, anthropometry, births, deaths).

BOOKS RECOMMENDED.—W. Bagehot, *Physics and Politics*; Paul Barth, *Die Philosophie der Geschichte als Sociologie*; A. L. Bowley, *The Measurement of Social Phenomena*; J. N. Keynes, *The Scope and Method of Political Economy*; A. Newsholme, *Vital Statistics*; Karl Pearson, *The Grammar of Science*; C. Sigwart, *Logic*; T. B. Strong (and others), *Lectures on the Method of Science*; E. L. Thorndike, *An Introduction to the Theory of Mental and Social Measurements*; A. Wolf, *The Philosophy of Probability*; W. Wundt, *Logik*.

## POLITICS AND PUBLIC ADMINISTRATION.

The letter *y* indicates that the course is a preparation for an Intermediate Examination, *z* for a Final Pass Examination, and *A* for a Final Honours Examination.

The sign ¶ indicates a course beginning at 6 p.m. or later.

**130.—y.**—The Local Government of England, a course of ten lectures by Mr. LEES SMITH, on Tuesdays, at 4 p.m. Lent Term, beginning 11th January.

Fee:—£1 10s.

¶ FOR EVENING STUDENTS the same course will be given on Thursdays, at 6 p.m., beginning 13th January.

Fee:—£1.

This course is intended as an introductory sketch of English local government at the present day.

**Syllabus.** The sphere of local government. The constitution, powers, and duties of the various local authorities. The relations between the local and central authorities. The central departments.

BOOKS RECOMMENDED.—Odgers, *Local Government*; Ashley, *English Local Government*; Redlich and Hirst, *Local Government in England*; Craik, *The State in its Relation to Education*.

**131.—y.**—The British Constitution, a course of thirty lectures by Mr. LEES SMITH, on Fridays, at 12 noon, beginning M.T. 8th October, L.T. 14th January. S.T. 29th April.

Fee:—Sessional, £3; Terminal, £1 4s.

¶ FOR EVENING STUDENTS, the same course of lectures will be given at 7.15 p.m. on Tuesdays, beginning 5th October.

Fee:—Sessional, £2; Terminal, 16s. 0d.

**Syllabus.** An introduction to the study of the existing government of the United Kingdom and the British Empire, referring mainly to central government, dealing with the matter historically only so far as historical references are necessary to explain existing institutions. The lectures will be divided as follows:—

M.T.—Representative Government. The theory of the separation of powers. The Cabinet system. Parliament. The Civil Service. The passage of Bills. Party government. The Franchise.

L.T.—The House of Lords. Second Chambers. The Crown. The "rule of law" and the position of the Judiciary. The financial administration of the United Kingdom. Comparisons with foreign constitutions.

S.T.—The Colonial Office. Self-governing colonies. Crown colonies. Protectorates. Chartered companies. The relations between advanced and backward races. The constitutions of the various colonies. The government of India. The future relations between the colonies and the mother country.

BOOKS RECOMMENDED.—Mill, *Representative Government*; Bagehot, *The British Constitution*; Low, *Governance of England*; Lowell, *Government of England*; Dicey, *Law of the Constitution*; Anson, *Law and Custom of the Constitution*; Courtney, *Working Constitution of the United Kingdom*; Egerton, *Growth of British Colonial Policy*. Other works will be indicated from time to time in the lectures.

**132.**—z and A.—The Central Government of the United Kingdom, a course of thirty lectures by Mr. LEES SMITH, on Thursdays at 12 noon, beginning M.T. 7th October, L.T. 13th January, S.T. 28th April.

A class will be held by Mr. FINER in connection with this course on alternate Thursdays at 2.30 p.m., beginning 7th October.

Fee:—Lectures with class: Sessional, £5; Terminal, £2.  
Lectures only: „ £3; „ £1 4s.

¶ FOR EVENING STUDENTS the same course will be given on Thursdays at 7.15 p.m., beginning 7th October, with a class on alternate Thursdays, at 8.15 p.m., beginning 7th October.

Fee:—Lecture with class: Sessional, £3 6s. 8d.; Terminal, £1 6s. 8d.  
Lectures only: „ £2; „ 16s. 0d.

*Syllabus.* The course is a continuation of the course on the British Constitution, which is intended for first year students. It explains the actual working of parliamentary institutions, and discusses the various problems which arise out of the explanation. It compares the characteristic features of the British Constitution with those of foreign constitutions.

BOOKS RECOMMENDED.—Dicey, *Law and Opinion*; Stephen, *English Utilitarians*; Anson, *Law and Custom of the Constitution*; Lowell, *The Government of England*; Ilbert, *Forms and Methods of Legislation*; Egerton, *British Colonial Policy*; Keith, *Responsible Government in the Dominions*; Bourinot, *Federal Government in Canada*; Jebb, *Studies in Colonial Nationalism*.

**133.**—z and A.—Public Administration, with special reference to the Local Government of Great Britain, a course of thirty lectures by Professor GRAHAM WALLAS, on Thursdays, at 6 p.m., beginning M.T. 7th October, L.T. 13th January, S.T. 28th April.

A class will be held by Mr. FINER in connection with this course on alternate Thursdays, at 8.15 p.m., beginning 14th October.

Fee: Lectures with class: Sessional, £5 0s. 0d.; Terminal, £2 0s. 0d.  
Lectures only: „ £3 0s. 0d.; „ £1 4s. 0d.

*Syllabus.* The course will begin with a description of the development of the chief Local Government authorities, with special reference to the parishes, counties, boroughs, and urban and rural districts. It will then deal with the chief functions of local government, and especially poor law, public health, education, police and justice, and the means of transit. The rapid changes in the social organisation of industrial countries due to mechanical inventions will then be considered, especially the extension of areas, the intensification of functions, the rise of the expert official, financial pressure, and the problem of co-ordinating the duties and powers of the various authorities and their relation to the central government. An attempt will be made to estimate, in the light of contemporary municipal development in other countries, the lines on which British Local Government may be expected to proceed in the future.

BOOKS RECOMMENDED.—Anson, *Law and Custom of the Constitution*; Ashley, *Local and Central Government*; Odgers, *Local Government*; Redlich and Hirst, *Local Government in England*; Hobhouse and Wright, *Local Government and Local Taxation* (2nd Edition); Fowle, *The Poor Law*; Craik, *The State in its Relation to Education*; Simon, *English Sanitary Institutions*. Other works will be suggested during the lectures.

**134.**—z and A.—Central and Local Administration of Great Britain (Class). Mr. LEES SMITH will hold a special class for students proceeding to the Final Examination for the degree of B.Sc. (Econ.), and other advanced students. Time to be arranged with students. Admission to the class will be exclusively by permission of Mr. LEES SMITH.

Fee:—Sessional, £3 0s. 0d.; Terminal, £1 4s. 0d.

**135.**—z and A.—Principles of Public Finance, a course of nine lectures by Mr. DALTON, on Tuesdays, at 10.45 a.m., in Summer Term, beginning 26th April.

Fee:—£1 10s.

¶ FOR EVENING STUDENTS the same course of lectures will be given on Tuesdays, at 7.15 p.m., beginning 26th April.

Fee:—£1.

*Syllabus.* General principles governing the income and expenditure of public authorities and their adjustment. Classification of public revenues. The more important taxes and their characteristics. Incidence and effects of taxation. Distribution of the burden of taxation. Non-tax revenue. Classification of public expenditure. Effects of various sorts of public expenditure. Public debts and their repayment.

**136.**—A.—The Government Departments of the United Kingdom and their Official Staff, a course of nine lectures by Professor GRAHAM WALLAS, on Tuesdays, at 6 p.m., in Summer Term, beginning 26th April.

Fee:—£1 10s.

*Syllabus.* The rise of the Government Departments, their new duties after the Industrial Revolution, the growth of a fairly logical scheme of distribution of work among them, and the slow differentiation between political and permanent officials. Royal influence and parliamentary corruption. Bentham's proposals. Attempts at reform before 1855. The Indian scheme. The Civil Service Commission (1855). Open competition (1870). The Playfair, Ridley and MacDonnell Commissions. The relation in the civilised world between democracy and expert administration.

**137.**—Government and Business Methods of Administration. A course of ten lectures by Mr. LOUIS REYNOLDS, on Fridays, at 6 p.m. in Lent Term, beginning 14th January.

Fee: £1 10s.

**138.**—A.—The British Empire, a course of twenty lectures by Professor GRAHAM WALLAS, on Tuesdays, at 6 p.m., in Michaelmas and Lent Terms, beginning M.T. 5th October, L.T. 11th January.

Fee:—For the Course, £2 5s.; Terminal, £1 4s.

*Syllabus.* The course will treat of the development and present tendencies of the governments of (a) the Dominions (b) India, (c) the Crown Colonies and Protectorates.

**139.—A.—Federal Government**, a course of six lectures by Mr. LASKI, on Thursdays, at 5 p.m., in Lent Term, beginning 13th January.

Fee:—£1 2s. 6d.

**Syllabus.** 1. The Theory of Federal Government. 2. Origin and Development of Federal Government since 1787. 3. The results of a Federal compared with the results of Unitary Government. 4. The limitations of Federal Government. 5. Constitutional problems in a Federal State. 6. Economic Federalism with special reference to national guilds.

The lecturer will advise as to authorities. Those who wish to study the general subject beforehand are recommended to read Louis Lefur's *L'Etat Fédéral*.

**140.—A.—Comparative Public Administration**, a course of twenty lectures by Mr. FINER, on Mondays, at 2.30 p.m., in Michaelmas and Lent Terms, beginning M.T. 4th October, L.T. 10th January.

Fee:—For the course £2 5s.; Terminal, £1 4s.

**Syllabus.** M.T.—Some general principles; popular opinion and the Legislature; control of the Executive; the Party System and the Cabinet. The Institutions of France: the Group System and the Second Chamber. Administration in Germany: the old Constitution and the new; Federation with a predominant partner.

L.T.—Switzerland: the Referendum and the Initiative. America: the Federal State and the Separation of Powers; Finance. Russia: the old regime and the Soviets. Constitutional guarantees and the liberty of the subject.

**141.—The Formation of the Constitution of the United States**, a course of lectures by Professor R. L. SCHUYLER, of Columbia University, will be given in the Summer Term. [Details to be announced later.]

**142.—¶ z.—Effect of the War upon The British Constitution**, a course of nine lectures by Mr. LEES SMITH, on Thursdays, at 6 p.m., in Summer Term, beginning 28th April.

London teachers, who will take precedence, should it be necessary to limit the class, may obtain admission through the Education Officer, L.C.C. Education Department, Victoria Embankment, W.C.2, to whom they should apply for particulars of special terms.

Fee:—£1 10s.

**Syllabus.** A broad review of the problems of the British Government in its present phase. The manner in which British institutions adapted themselves to the conditions of war. How far are the changes introduced likely to be permanent? The attack upon parliamentary institutions. The alternatives proposed. Problems of the future.

**143.—¶—Citizenship**, a course of twenty lectures by Mr. LEES SMITH, on Tuesdays, at 6 p.m., in Michaelmas and Lent Terms, beginning M.T. 5th October, L.T. 11th January.

This course has been specially arranged at the request of the L.C.C. for prospective teachers in Compulsory Day Training Schools, and other students will only be admitted with the approval of the Director.

**Syllabus.** This course explains the British system of government. It deals with such subjects as Parliament, the Crown, the Cabinet System, the Civil Service, the Financial System, the Dominions and Colonies, the Army, the Navy, and Local Government. The problems which each of these institutions raises are discussed. It is intended to help the teachers to show their scholars how their lives are affected by our system of Government, and the part that they can play in it.

**144.—z and A.—The History of Political Ideas in connection with the History of Europe and the United States**, a course of thirty lectures by Mr. LASKI, on Tuesdays, at 10.45 a.m., beginning M.T. 5th October, L.T. 11th January, S.T. 26th April.

Fee:—Sessional, £3; Terminal, £1 4s.

¶ FOR EVENING STUDENTS the same course will be given on Thursdays, at 7.15, beginning 7th October.

Fee:—Sessional, £2; Terminal, 16s. 0d.

**Syllabus.** M.T.—To the Reformation. Plato. Aristotle. The later Græco-Roman Schools. The Roman Law. The political ideas of the Early Church. The Mediæval Church. The Theory of the Empire. Feudalism. The Conciliar Movement.

L.T.—From the Reformation to the French Revolution. Machiavelli, Luther, Calvin. The Politiques and the Monarchomachs. The Jesuits. The Divine Right of Kings. The Civil Wars in England. Hobbes, Harrington, Spinoza and Bossuet. Locke and the English Revolution. English thought in the eighteenth century. Montesquieu. Burke. The making of the American Constitution.

S.T.—From the French Revolution to the Present Time.—Rousseau. The French Revolution. I. In England. II. In France. III. In Germany. The Utilitarians. French Socialism to Proudhon. German Socialism to Marx. Spencer, and Maine. Socialism in England. Green and the Neo-Hegelians. The Impact of Psychology. Recent tendencies.

BOOKS RECOMMENDED.—Plato, *Republic* (trans Davis & Vaughan); Aristotle, *Politics*; Zimmern, *Greek Commonwealth*; Dickinson, *Greek View of Life*; Carlyle, *Mediæval Political Theory* (3 vols.); Poole, *Illustrations of Mediæval Thought*; Figgis, *From Gerson to Grotius*; Ib. *Divine Right of Kings*; Gooch, *Political Thought, from Bacon to Halifax*; Laski, *Political Thought from Locke to Bentham*; Leslie Stephen, *The English Utilitarians*; Michel, *L'Idée de l'Etat*; Barker, *Political Thought from Herbert Spencer to To-day*. Other texts and secondary works will be discussed fully in the lectures.

**145.—A.—The Problem of Sovereignty**, a course of six lectures by Mr. LASKI, on Thursdays, at 5 p.m., in Summer Term, beginning 28th April.

Fee:—£1 2s. 6d.

**Syllabus.** The Historical Origins of Sovereignty. Sovereignty in law. Sovereignty in fact. The general problem of political authority. The relation of sovereignty to the structure of social organisation. Recent developments in the theory of sovereignty. The new synthesis in political science.

BOOKS RECOMMENDED.—Bosanquet, *The Philosophical Theory of the State* (3rd edition); Hobhouse, *Metaphysical Theory of the State*; Cole, *Social Theory*; Laski, *Authority in the Modern State*.

**146.—A.—The Psychology of Modern Society**, a course of twenty lectures by Professor GRAHAM WALLAS, on Wednesdays, at 12 noon, in Lent and Summer Terms, beginning L.T. 12th January, S.T. 27th April.

Fee:—For the course, £2 5s.; Terminal, £1 4s.

**147.—Public Administration.** Seminar by Professor GRAHAM WALLAS. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

**148.—Political Science.** Seminar by Mr. LASKI. Times to be arranged with students.

Open to students paying either the Composition Fee or the Research Fee.

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*N.B.—Reference should also be made to the following courses:—*

No. 25.—Government Finance in Relation to Business.

No. 31.—Tariffs and Tariff Administration.

No. 153.—Machinery of Government.

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## SOCIAL SCIENCE AND ADMINISTRATION.

(Ratan Tata Department).

**150.—An Introductory Course** of ten lectures by Professor URWICK and Miss ECKHARD in Michaelmas Term on Wednesdays, at 12 noon, beginning 6th October.

Fee:—For the course, £1 10s. 0d.

*Syllabus.* The course will deal with social study and observation, books and reading, practical work generally, the development of voluntary effort in England, the function of voluntary organisations, and their relation to the State.

**151.—Industrial Structure and Problems**, a course of nineteen lectures by Mr. LLOYD, on Tuesdays, at 10.45 a.m., in Michaelmas and Summer Terms, beginning M.T. 5th October, S.T. 26th April.

NOTE.—The lectures given in Michaelmas Term will be repeated at the same time in Lent Term, beginning 11th January.

Fee:—For the course, £2 5s.; Terminal, £1 4s.

¶ FOR EVENING STUDENTS the same course will be given on Wednesdays, at 7.30 p.m., in Lent and Summer Terms, beginning L.T. 12th January, S.T. 27th April.

Fee:—For the course, £1 10s.; Terminal, 16s.

*Syllabus.* The development of capitalistic industry: Trusts and Combines: the Trade Union and Co-operative movements: Labour unrest and methods of conciliation: Collective bargaining and the strike: the Wage system: Profit sharing and Co-partnership: the control of industry: State Socialism, Syndicalism and Guild Socialism: Whitley Councils and Trade Boards: Women's work and wages: the Shop Stewards' movement: unemployment.

**152.—Social History (Introductory)**, a course of nineteen lectures by Professor URWICK and Miss KEYSER in Michaelmas and Summer Terms, on Tuesdays, at 12 noon, beginning M.T. 5th October, S.T. 26th April.

NOTE.—The lectures given in Michaelmas Term will be repeated at the same time in Lent Term, beginning 11th January.

Fee:—For the course, £2 5s.; Terminal, £1 4s.

*Syllabus.* This course is intended as an introduction to the study of the social and industrial history of the past two centuries. It will deal with the social and economic development of England since 1714.

**153.—Machinery of Government**, a course of ten lectures by Mr. ATTLEE, on Mondays, at 3 p.m., in Michaelmas Term, beginning 4th October.

NOTE.—The same course will be repeated in Lent Term, beginning 10th January.

Fee:—£1 10s.

[For Syllabus, see next page]

**Syllabus.** This course will deal in outline with the general organisation of the Central and Local Government of England, with special reference to the work of those departments and local authorities with which those engaged in social work are likely to be brought into contact.

**154.—Social Philosophy (Introductory)**, a course of nineteen lectures, by Miss CHRISTIE, on Mondays, at 11 a.m., in Michaelmas and Summer Terms, beginning M.T. 4th October, S.T. 25th April.

NOTE.—The lectures given in Michaelmas Term will be repeated in Lent Term at the same time, beginning 10th January.

A class will be held in connection with this course immediately after each lecture.

Fees:—Lectures with class for the course, £3 15s.; Terminal, £2.  
Lectures only for the course, £2 5s.; Terminal, £1 4s.

**Syllabus.** M.T.—Utopias, ancient and modern, and their significance; the historical school; Aristotle and his successors; the theory of natural rights.

L.T.—Repetition of above.

S.T.—The organic view of society; heredity and environment; the individual, the family, the State, and international relations.

BOOKS RECOMMENDED.—Plato, *The Republic*; T. More, *Utopia*; H. G. Wells, *A Modern Utopia*; D. G. Ritchie, *Natural Rights*; Thomson, *Heredity*; E. J. Urwick, *Philosophy of Social Progress*; Muirhead, *Service of the State*; Muirhead and Hetherington, *Social Purpose*.

**155.—Social Economics**, a course of thirty lectures by Professor URWICK and Miss CHRISTIE, on Tuesdays, at 12 noon, beginning M.T. 5th October, L.T. 11th January, S.T. 26th April.

Fee:—Sessional, £3; Terminal, £1 4s.

**Syllabus.** This course is intended for students possessing some knowledge of economic theory. It will deal with sundry applications of economic doctrine to social life, especially in connection with the production and use of wealth, the distribution of income, the relation of industry to health and progress, normal and abnormal conditions of industry, economic rights and duties, and the control of industrial function.

BOOKS RECOMMENDED.—H. Clay, *Economics for the General Reader*; Charles Gide, *The Principles of Political Economy*; Henry R. Seager, *Brief Economics*; J. A. Hobson, *The Industrial System*; H. Withers, *Business of Finance*; Armitage Smith, *Principles of Taxation*.

**156.—Social Developments from 1760**, a course of thirty lectures by Mr. TAWNEY, on Tuesdays, at 4.45 p.m., beginning M.T. 5th October, L.T. 11th January, S.T. 26th April.

Fee:—Sessional, £3; Terminal, £1 4s.

**Syllabus.** Political and social conditions of the old régime. The agrarian changes. "The Industrial Revolution." The new Political Economy. The movement for Parliamentary Reform. The growth of Pauperism and the reform of the Poor Law. The reform of Municipal Corporations. The Trade Union Movement up to 1850. The beginnings of factory legislation. The Chartist Movement. The early co-operators. The growth of a system of Public Education. The reform of Local Government and the growth of municipal

enterprise. The growth and character of modern Trade Unionism. The policy of the State towards industry and social questions. Recent changes in social and political thought. The present position of the industrial problem.

BOOKS RECOMMENDED.—J. L. and Barbara Hammond, *The Village Labourer*; E. C. K. Gonner, *Common Land and Inclosures*; A. H. Johnson, *The Disappearance of the Small Landowner*; A. Toynbee, *The Industrial Revolution*; P. Mantoux, *La Révolution Industrielle*; J. L. and Barbara Hammond, *The Town Labourer*; W. Cunningham, *Growth of English Industry and Commerce*; E. Porritt, *The Unreformed House of Commons*; Butler, *The Great Reform Bill*; Sir L. Stephen, *The English Utilitarians*; J. Redlich and F. W. Hirst, *Local Government in England*; Graham Wallas, *Life of Francis Place*; M. Beer, *The History of British Socialism*; M. F. Hovell, *The Chartist Movement*; F. Podmore, *Life of Robert Owen*; E. Hodder, *Life of Lord Shaftesbury*; B. L. Hutchins and A. Harrison, *History of Factory Legislation*; J. Goldmark, *Fatigue and Efficiency*; S. and B. Webb, *History of Trade Unionism*; *Industrial Democracy*; T. Mackay, *The English Poor Law*; *Poor Law Report of 1834*; B. L. Hutchins, *The Public Health Agitation*; A. E. Dobbs, *Education and Social Movements, 1700-1850*.

**157.—The Health of the Worker**, a course of twenty lectures, for Women only, by Dr. CHODAK GREGORY, on Wednesdays, at 9.45 a.m., in Michaelmas and Lent Terms, beginning M.T. 6th October, L.T. 12th January.

Fee:—For the Course, £2 5s.; Terminal £1 4s.

**158.—Class for Club Workers**, by Miss ECKHARD and Mrs. BARTON, on Tuesdays, from 3—5 p.m., in Michaelmas and Lent Terms, beginning M.T. 5th October, L.T. 11th January.

Fee:—For the Course, £2 5s.; Terminal, £1 4s.

**159.—Social Work of the Present Day**, a composite course of nine lectures by various lecturers, on Mondays, at 5 p.m., in Summer Term, beginning 25th April. [Details to be announced later.]

Fee:—For the Course, £1 10s.  
Separate lectures, 4s.

**160.—Seminar for Diploma Students**, by Professor URWICK and Miss CHRISTIE, on Wednesdays, at 3 p.m., beginning M.T. 6th October; L.T. 12th January; S.T. 27th April.

Open only to students working for the University Diploma in Sociology.

N.B.—Reference should also be made to the following courses:—

- No. 40.—Elements of Economics.
- No. 81.—Growth of English Industry.
- No. 133.—Public Administration.
- No. 144.—History of Political Ideas.
- No. 146.—The Psychology of Modern Society.
- No. 170.—Introduction to the Study of Society.
- No. 171.—Social Philosophy.
- No. 180.—Introduction to Statistics.

**SOCIOLOGY.**

The letter *x* indicates that the course is a preparation for an Intermediate Examination, *z* for a Final Pass Examination, and *A* for a Final Honours Examination.

The sign ¶ indicates a course beginning at 6 p.m. or later.

**170.**—A.—Introduction to the Study of Society, a course of twenty lectures by Professor HOBHOUSE, on Mondays, at 11 a.m., in Michaelmas and Lent Terms, beginning M.T. 4th October, L.T. 10th January.

A class in connection with this course will be held immediately after each lecture.

Fee:—For the Course (including class), £3 15s.; Terminal, £2.

**Syllabus.** The sociological point of view. The scientific, metaphysical and ethical treatment of the subject. Special sciences and general sociology. Character of social organisation and factors involved. The physical environment. The racial factor and problems of heredity. The psychological factor—questions of the comparative importance of impulse and thought in social affairs. The factor of social tradition. The nature of social development illustrated in the comparative treatment of fundamental institutions of society.

BOOKS RECOMMENDED.—Westermarck, *Origin and Development of the Moral Ideas; History of Human Marriage*; Mackenzie, *Introduction to Social Philosophy*; Green, *Principles of Political Obligation*; Müller Lyer, *Phasen der Kultur*.

**171.**—A.—Social Philosophy, a course of ten lectures by Professor HOBHOUSE, on Tuesdays, at 3 p.m., in Michaelmas Term, beginning 5th October.

A class in connection with this course will be held immediately after each lecture.

Fee:—(including class) £2 10s. 0d.

**Syllabus.** Contract theories. The theory of Force. Utilitarianism. The metaphysical theory of Social Institutions.

BOOKS RECOMMENDED.—Rousseau, *Contrat Social*; Treitzschke, *Politics* (English translation); Bosanquet, *Philosophical Theory of the State*; Green, *Principles of Political Obligation*; Bentham, *Principles of Legislation*; Mill, *Utilitarianism, Liberty, Representative Government*; Mackenzie, *Introduction to Social Philosophy*; *Manual of Ethics*.

**172.**—A.—Comparative and Social Psychology, a course of ten lectures by Professor HOBHOUSE, on Tuesdays, at 3 p.m., in Lent Term, beginning 11th January.

A class in connection with this course will be held immediately after each lecture.

Fee:—(including class) £2 10s. 0d.

BOOKS RECOMMENDED.—Graham Wallas, *The Great Society*; McDougall, *Social Psychology*; Stout, *Manual of Psychology*.

**173.**—Applied Social Philosophy. Seminar for advanced students by Professor HOBHOUSE, on Mondays, at 3 p.m., in Michaelmas and Lent Terms, beginning M.T. 4th October, L.T. 10th January.

Open to students paying either the Composition Fee or the Research Fee.

**174.**—Social Rights and Duties, a course of fourteen lectures by Professor WESTERMARCK, on Mondays and Tuesdays, at 11 a.m., in Summer Term, beginning 2nd May.

A class in connection with this course will be held immediately after each lecture.

Fee:—(including class) £2 10s. 0d.

**Syllabus.** Rights and duties in general, their emotional basis and social origin. The right to life. Opinions regarding war. The system of blood revenge. The system of compensation. Capital punishment. Mutual aid. The social position of strangers, and the custom of hospitality. The right to freedom. The institution of slavery, and the relations between master and slave. The right of property. The various methods of acquisition (occupation, possession, labour, inheritance, etc.). Respect for other men's honour. The duel as a social institution. The rules of politeness. The regard for truth and good faith. Patriotism. Social duties and self-regarding duties. Industry and rest. Relations between the living and the dead. Ancestor worship. The general characteristics of religion and magic. Religious worship. Prayer and sacrifice. Religious toleration. The influence of religion and magic on morality and social relationships.

BOOKS RECOMMENDED.—L. T. Hobhouse, *Morals in Evolution*; Carveth Read, *Natural and Social Morals*; Edward Westermarck, *The Origin and Development of the Moral Ideas*; J. G. Frazer, *Psyche's Task*; P. Kropotkin, *Mutual Aid*; H. J. Nieboer, *Slavery as an Industrial System*; Lewinski, *The Origin of Property*; E. B. Tylor, *Primitive Culture*; R. R. Marett, *The Threshold of Religion*.

**175.**—The Family, a course of seven lectures by Professor WESTERMARCK, on Mondays, at 5 p.m., in Summer Term, beginning 2nd May.

A class in connection with this course will be held immediately after each lecture.

Fee:—(including class) £1 17s. 6d.

**Syllabus.** The origin and function of the family. Mother-right and father-right. The joint family and the clan. The frequency of marriage. Endogamy and exogamy. Marriage by capture, marriage by consideration, the marriage ceremony. Monogamy, polygyny, polyandry, group marriage. The position of married women. The future of the family.

**176.**—Sociology. Seminar by Professor WESTERMARCK for advanced students on Tuesdays in Summer Term, at times to be arranged. The first meeting will be at 3 p.m., on Tuesday, 3rd May.

Open to students paying either the Composition Fee or the Research Fee.

N.B.—Reference should also be made to the following course:—

No. 146.—The Psychology of Modern Society.



**STATISTICS AND MATHEMATICS.**

The letter *y* indicates that the course is a preparation for an Intermediate Examination, *z* for a Final Pass Examination, and *A* for a Final Honours Examination.

The sign ¶ indicates a course beginning at 6 p.m. or later.

**180.—Introduction to Statistics**, a course of ten lectures by Professor BOWLEY, on Tuesdays, at 2.30 p.m., in Lent Term, beginning 11th January.

A practical class, in which statistical material will be criticised and tabulated, will be held immediately after each lecture.

Fee:—Lectures with class, £2 10s.; Lectures only, £1 10s.

This course is specially intended for students in the Ratan Tata Department of Social Science and Administration, but is not confined to them.

**Syllabus.** Methods of Statistical enquiry. Definition of Units. Classification. Tabulation. Use of Official Publications.

(The treatment will be non-mathematical.)

**181.—*y*.—Mathematics Preparatory to Statistics**, a general course by Mr. CURWEN, on Thursdays, from 11 a.m. to 1 p.m., beginning M.T. 7th October, L.T. 13th January, S.T. 28th April.

Fee:—Sessional, £5; Terminal, £2

¶ FOR EVENING STUDENTS the same course will be given on Fridays, from 6 to 8 p.m., beginning 8th October.

Fee:—Sessional, £3 6s. 8d.; Terminal, £1 6s. 8d.

**Syllabus.** Algebra.—Indices, logarithms. Progressions. Binomial and exponential series. Solution of equations. Limits and approximations. Graphs of simple functions. Direction and the derived function. Maxima and minima.

Trigonometry.—Definitions. Ratios for all angles. Approximate values of sine and cosine.

Co-ordinate Geometry.—The straight line, circle, and standard equations of the parabola, ellipse, and hyperbola.

Geometry.—Similar figures. Orthogonal projection.

BOOKS RECOMMENDED.—Paterson, *School Algebra, Part II.*; Gibson, *Treatise on Graphs*; Loney, *Co-ordinate Geometry*; Lachlan and Fletcher, *Trigonometry*; Bowley, *General Course of Pure Mathematics*.

**182.—*z*.—Statistical Method**, a course of thirty lectures by Professor BOWLEY, on Wednesdays, at 10.45 a.m., beginning M.T. 6th October, L.T. 12th January, S.T. 27th April.

Fee:—Sessional, £3; Terminal, £1 4s.

¶ FOR EVENING STUDENTS the same course will be given at 6 p.m. on Tuesdays, beginning 5th October.

Fee:—Sessional, £2; Terminal, 16s.

**Syllabus.** Statistical Method (not presupposing a knowledge of Mathematics higher than Matriculation standard). Definitions of data, tabulation. averages, graphic methods, index numbers, etc., illustrated by statistics of production, consumption, trade and prices.

**183.—*z*.—Statistical Method**, nine classes in connection with No. 182, by Professor BOWLEY, on Wednesdays, at 12 noon, in Summer Term, beginning 27th April. The time will be devoted to practical work.

Fee:—£1 10s.

¶ FOR EVENING STUDENTS similar classes will be taken on Tuesdays, at 7.15 p.m., beginning 26th April.

Fee:—£1.

**184.—*z* and *A*.—General Statistics**, an elementary course of thirty lectures by Professor BOWLEY, on Thursdays, at 12 noon, beginning M.T. 7th October, L.T. 13th January, S.T. 28th April.

Fee:—Sessional, £3; Terminal, £1 4s.

¶ FOR EVENING STUDENTS the same course of lectures will be given also on Thursdays, at 6 p.m., beginning 7th October.

Fee:—Sessional, £2; Terminal, 16s.

**Syllabus.** M.T and L.T. General elementary technique of statistics, treated with a view to the accurate interpretation of statistics now published currently in the United Kingdom. A broad treatment of the statistical history of population, production, trade, prices, wages and income in the United Kingdom since 1790.

S.T. Elementary Mathematical Statistics. Averages; measurement of deviation and of correlation. Method of Samples.

This course is suitable for students taking both parts of the statistical paper in the examination for the Pass degree in the Faculty of Economics and Political Science. Lectures 1—15 meet the needs of students taking the first part of the paper.

The whole of the lectures in the Michaelmas and Lent Terms form a suitable course for students working for Honours degrees.

NOTE.—Railway students taking course No. 196 on Railway Statistics by Mr. STEPHENSON in the Lent Term should attend the first eleven lectures of the above course by Professor Bowley in the Michaelmas Term.

**185.¶—*A*.—Advanced Statistics**, a course of thirty lectures by Professor BOWLEY, on Thursdays, at 7.15 p.m.; beginning M.T. 7th October, L.T. 13th January, S.T. 28th April.

Fee:—Sessional, £3; Terminal, £1 4s.

This course is in continuation of the elementary lectures, 1919-20, and deal with technical and mathematical statistics from a more advanced point of view.

BOOKS RECOMMENDED in connection with courses Nos. 184 and 185.—Bowley, *Elements of Statistics*; Bowley, *Elementary Manual of Statistics*; Newsholme, *Vital Statistics*; Elderton, *Primer of Statistics*; Block, *La Statistique*; Bertillon, *Cours Élémentaire de Statistique*; Yule, *Introduction to the Theory of Statistics*; von Mayr, *Gesellschaftslehre*; Quetelet (1846), *Théorie des Probabilités*; Pearson, *Chance of Death and other Essays*; Thorndike, *Introduction to Theory of Mental and Social Measurements, Columbia University*; *Journal of Royal Statistical Society*; from vol. LI., 1886, articles by Edgeworth, Yule, Rew, Hooker, Wood, Bowley; also Jubilee Vol., 1885; Booth, *Life and Labour of the People*; Ramsay Macdonald, *Women in the Printing Trades*; West Ham, *a Study in Social and Industrial Problems* (Dent and Co.); Cadbury and Shann, *Women's Work and Wages*; Bowley, *Division of the Product of Industry*; Leone Levi, *History of British Commerce*; Chiozza Money, *Riches and Poverty*; Stamp, *British Incomes and Property*; Rowntree, *Poverty—A Study of Town*

*Life*; Ratan Tata Foundation, *Livelihood and Poverty*; *The Statistical Abstracts—*for United Kingdom, Colonies, India, and Foreign Countries; *Abstract of Labour Statistics*; *The 1st, 2nd and 3rd Series of Memoranda on British and Foreign Trade and Industrial Conditions* (Cd. 1761, 2337 and 4954); *Report of the Committee on the Census* (Cd. 6701 of 1890); *Report of the Committee on Income Tax* (Cd. 365 of 1906); *Reports of Wage Census of 1906, and of Census of Production of 1907*; *Cost of Living* (Cd. 3864 and 6955); *The Population Census of 1911*; *Committee on Cost of Living* (Cd. 8980).

**186.** ¶—A.—**Current Statistical Questions**, a course of ten lectures by Professor BOWLEY, on Tuesdays, at 7.15 p.m., in Lent Term, beginning 11th January.

Fee:—£1 10s.

In this course it is intended to study recent blue books and other official publications.

**187.** ¶—A.—**Advanced Mathematics**, a course of thirty lectures by Mr. CURWEN, on Thursdays, at 7.15 p.m., beginning M.T. 7th October, L.T. 13th January, S.T. 28th April.

Fee:—Sessional, £3; Terminal, £1 4s.

This course is suitable for advanced students of Statistics and Mathematical Economics. Knowledge of the subjects of the Intermediate B.Sc. (Econ.) syllabus is assumed.

*Syllabus.* Solid Geometry. Calculus. Probability.

**188.**—**Foreign Official Statistical Publications**, a course of ten classes by Professor BOWLEY, in Michaelmas and Lent Terms, at a time to be fixed later.

This course is intended for Probationer Vice-Consuls sent by the Foreign Office, and others will be admitted only by special arrangement.

**189.** ¶—**Statistical Investigation**. Seminar by Professor BOWLEY, on alternate Mondays, at 6 p.m., beginning 11th October.

Open to students paying either the Composition Fee or the Research Fee, after consultation with Professor Bowley.

*N.B.—Reference should also be made to the following course:—*

No. 196.—**Railway Statistics.**

## TRANSPORT.

The letter *y* indicates that the course is a preparation for the Intermediate Examination, *z* for a Final Pass Examination, and *A* for a Final Honours Examination.

The sign ¶ indicates a course beginning at 6 p.m. or later.

**190.** ¶—*z*.—**Organisation of Transport**, a course of nineteen lectures by Mr. STEPHENSON, on Mondays, at 6 p.m., in Lent and Summer Terms, beginning L.T. 10th January, S.T. 25th April.

Fee:—For the Course, £2 5s.; Terminal, £1 4s.

Students attending this course may write weekly essays for the lecturer, and an examination will be held at the end of the course.

*Syllabus.* Organisation of Railways. Relation to the State.—Ownership or Control—the Charter—State requirements for Construction and Operation—limitation of charges. Relations to one another—limitation of competition—charges—services—agreements to give more effective service and to utilise equipment better. Internal Administrative and Executive Organisation.

Organisation of Road Transport. Relation to the State—The road—The vehicles. Types of Road Transport—The Tramway—The Motor-omnibus—The Taxicab—The Goods and Parcels Carrier—Private vehicles.

Organisation of Inland Water Transport. Relation to the State—The Navigable River—The Canalised River—The Canal. Organisation in relation to each other. Organisation of Traffic Operation.

Organisation of Sea Transport. State Control of ships and shipping—Liner Services—Mail Steamers—Cargo Boats—Tramps. The Shipowner—The Shipping Agent—Marine Insurance—Ports and Docks.

BOOKS RECOMMENDED.—R. Morris, *Railroad Administration*; *Continental Railway Investigations (Reports to the Board of Trade)*; E. C. Cleveland-Stevens, *English Railways—Their Development and their Relation to the State*; Sir Wm. Lindley, *Report on Inland Waterways on the Continent (Report to Royal Commission on Canals)*; Russell Smith, *The Ocean Carrier*; Douglas Owen, *Ports and Docks*.

**191.** ¶—**Commercial Railway Economics**, a course of twenty lectures by Mr. STEPHENSON, on Tuesdays, at 6 p.m. in Michaelmas and Lent Terms, beginning M.T. 12th October, L.T. 11th January.

Fee:—For the Course, £2 5s.; Terminal, £1 4s.

Students attending this course may write weekly essays for the lecturer, and an examination will be held at the end of the course.

*Syllabus.* Organisation. Capital and Expenditure. Gross and Net Receipts. Analysis of a Railway Report. Growth of passenger traffic. Passenger Fares. Season Tickets. Workmen's Tickets. Excursion Tickets. Goods rates. Theory of Railway Rates. Rate Making in Practice. Maximum rates and charges. Special rates. Discrimination. Classification of Goods. Railway Clearing House. State control of rates. Competition. Traffic Pools. State ownership of railways.

BOOKS RECOMMENDED:—A. T. Hadley, *Railroad Transportation*; W. Z. Ripley, *Railroads: Rates and Regulations*; *Ib.*, *Railway Problems*; T. F. Woodlock, *Anatomy of a Railroad Report*; Sir George S. Gibb, *Railway Nationalisation*; L. G. McPherson, *Railroad Freight Rates*.

**192.†**—Operating Railway Economics, a course of twenty lectures by Mr. STEPHENSON, on Fridays, at 7.30 p.m., in Michaelmas and Lent Terms, beginning M.T. 8th October, L.T. 14th January.

Fee:—For the Course, £2 5s.; Terminal, £1 4s.

Students attending this course may write essays for the lecturer, and an examination will be held at the end of the course.

**Syllabus.** Organisation. Train Working.—Including timing trains, arrangement of guards' and enginemen's turns, loads, train control, supervision of actual running. Signalling.—The history and general principles of signalling. Single and double line working. Station, Yard and Warehouse Operating.—Principles of design. Methods of working and tests of efficiency. Rolling Stock.—Relation of tareweight and capacity. Value of inter-changeability. Systems of distribution. Staff.—Grading. Hours. Wages, including bonus systems of payment. Supervision.

BOOKS RECOMMENDED.—W. M. Acworth, *Elements of Railway Economics*; E. R. Johnson, *American Railway Transportation*; M. L. Byers, *Economics of Railway Operation*; E. R. Dewsnap, *Railway Organisation and Working*; S. C. Williams, *Economics of Railway Transport*; H. Raynar Wilson, *Safety of British Railways*; W. H. Mills, *Railway Construction*; W. L. Webb, *Railroad Construction*; *Economics of Railroad Construction*; D. Drummond, *Lectures on the Working of Locomotive Engines*; G. R. Henderson, *Locomotive Operation, Cost of Locomotive Operation*.

**193.—A.—General Economics, with special reference to Transport**, a course of ten lectures by Mr. STEPHENSON, on Fridays, at 5 p.m., in Michaelmas Term, beginning 8th October.

Fee:—£1 10s.

Students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

**Syllabus.** Introduction.—Subject matter of Economics; Methods of Economics; Application to Railways and Shipping. The Demand for Commodities and Services.—Law of Diminishing Utility; Individual and Market Demands; Elasticity of Demand with special reference to Transport services; Joint character of an Individual's Demands. Agents of Production.—Land, Labour, Capital, Organising Power. Law of Decreasing Returns.—Application to Labour; Application to a railway undertaking when the capacity of a line is reached; Overcrowding and Congestion. Law of Increasing Returns.—Economics of large scale production; Growth in Density of Traffic; Development of Subsidiary Industries, e.g., Docks, Hotels, etc., owned by railway company; Limitations to the Law; Joint Products. Industrial Combinations.—Causes of Railway Combinations; Types of permanent combinations; Types of temporary combinations; Associations to further Common Interests, e.g., Railway Clearing House and Railway Conferences; Effects of Railway Combinations on companies outside the combinations and on the General Public; Shipping Rings. Determination of Prices.—Under competitive and monopoly conditions; Definition of value; Market price; long-period and short-period prices, e.g., Class Rates and Special Rates for particular Contracts; Uniform and Differential charges as exemplified by railway rates; Cost of supplying Railway services as a factor influencing their prices; Demand for Railway services as a factor influencing their prices.

**194.†**—Railway Rates and Fares, a course of nine lectures by Mr. STEPHENSON, on Thursdays, at 7.15 p.m., in Lent Term, beginning 13th January.

Fee:—£1 10s.

Students attending these lectures may write essays for the lecturer, and an examination will be held at the end of the course.

**Syllabus.** Early History. Comparison with Roads and Canals. Rates for Traffic by Goods Train—Maximum Rates and Charges for Conveyance and for Terminals. Classification of Merchandise Traffic. Class Rates. Special Rates. Local, Through and Group Rates. Rates for Traffic by Passenger Train.—Milk Traffic. Perishable Merchandise. Parcels Traffic. Owners' Risk. Newspapers. Horses and Carriages. Passenger Fares.—Ordinary. Duty on Passenger Fares. Tourist. Excursion. Week-end. Pleasure Parties. Season and Traders' Tickets. Workmen's Tickets.

BOOKS RECOMMENDED.—Marriott, *The Fixing of Rates and Fares*; *General Railway Classification of Goods by Merchandise Trains*.

**195.—Economics of Transport**, a course of fifteen lectures by Mr. STEPHENSON, on Fridays, at 12 noon, in Lent and Summer Terms, beginning L.T., 11th February, S.T., 29th April.

This course is intended for Probationer Vice-Consuls sent by the Foreign Office, and others will be admitted only by special arrangement.

**Syllabus.** Railways.—Relation to the State. Finance. Construction of New Lines. Supplies of materials. Equipment. Administrative Organisation. Rates and Charges particularly in relation to Export and Import Traffics. Liability for Damage or Delay to Goods in Transit. Trains and Train Services. Inland Waterways.—Relation to the State. Finance. Traffic Organisation. Tolls and Charges. Extension of Sea Transport. Alternative to Railways. Road Transport.—Relation to the State. The Road. The Vehicle. Tramways. Motor Transport. Other Road Transport. Sea Transport.—State Control. Ocean Vessels. Coasting Vessels. Liner Services. Tramps. Size of Vessels. Freight Rates. The Shipowner. The Shipping Agent. Marine Insurance. Ports and Docks.

**196.†**—Railway Statistics, a course of ten lectures by Mr. STEPHENSON, on Thursdays, at 6 p.m., in Lent Term, beginning 13th January.

Fee:—£1 10s.

N.B.—Students desiring to attend this course should, during the Michaelmas Term, attend the first ten lectures of Professor BOWLEY's course on General Statistics (No. 184) on Thursdays, at 6 p.m.

Students attending these lectures may write essays for the lecturer.

**Syllabus.** Distinction between Statistics of the Railway System and purely Local Statistics. Requirements of the Ministry of Transport. Tons carried; ton-miles; wagon-miles; train-miles; engine-miles and their derivatives. Similar passenger units. The Statistics of the published annual reports: construction and maintenance, operating. Statistics of the goods warehouse; the station-yard; the marshalling-yard; the passenger station; the signal-box.

BOOKS RECOMMENDED.—C. P. Mossop, *Railway Operating Statistics*; G. L. Boag, *Elements of Railway Statistics*; T. F. Woodlock, *Anatomy of a Railroad Report*; *Four-weekly Statistics issued by the Ministry of Transport*.

**197.†—A.—The Principal Factors in Railway Operating**, a course of twenty lectures by Mr. BURTT, on Tuesdays, at 7.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 5th October, L.T. 11th January.

Fee:—For the course £2 5s.; Terminal £1 4s.

Students attending these lectures may write weekly essays for the lecturer, and an examination will be held at the end of the course.

**Syllabus.** The Gross Train Load. The Freight Train Load. The Passenger Train Load. The Passenger Car Load. The Capacities and Limitations of Locomotives. Train Speeds. The Guard's Journal. The Driver's "Ticket." Wagons and Tares. The Wagon Load. The Yard Master and his Staff. Trans-shipping Problems; Local and Through Working of Wagons. The Principle of Control in Train Working. Train Masters and the Train Control System. Wagon Control. Distribution of Locomotive Power. The Organisation of a Goods Warehouse. Labour Saving Devices Generally. Safety Appliances and Automatic Devices. Principles of Signalling. Single Line Working. American Train Loads. Can English Train Loads be Increased with Advantage?

BOOKS RECOMMENDED.—C. P. Mossop, *Railway Operating Statistics*; E. R. Johnson, *American Railway Transportation*; Harry G. Brown, *Transportation Rates and their Regulation*; *Appendices to Working Time Tables, and Lists of Engine Loads.*

**198.†—The Railways in relation to the State**, a course of twenty lectures, by Mr. BURTT, on Fridays, at 6.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 8th October, L.T. 14th January.

Fee:—Course, £2 5s.; Terminal, £1 4s.

Students attending the lectures may write essays for the lecturer, and an examination will be held at the end of the course.

**Syllabus.** What we mean by Nationalisation. The idea of the Nation, the State, etc. Railways and the Commonwealth. Railway Systems in various Countries. Belgium—development of Railways and State ownership. Holland—State ownership, independent management, but united control. Germany—The classic example of State ownership and Management; history and development. Organisation and Regulation of the German Railway System; results. Austria-Hungary and her Railway System. State Railways in Italy; history and present position. France and the principle of State Control. Switzerland—Nationalisation. Railways in America; State and Federal Control, but private ownership. The regulation of railway rates in America and the Inter-State Commerce Commission. State intervention in England; the Board of Trade; the Railway and Canal Traffic Commission; provision of adequate facilities; safety appliances; hours and conditions of Railway Servants. The relationships between Railway and State in Australia, Canada, India and China.

BOOKS RECOMMENDED.—W. Z. Ripley, *Railway Problems*; E. A. Pratt, *Railways and their Rates*; H. Raynar Wilson, *The Safety of British Railways*; *Blue Book Reports to the Board of Trade on Railways in Germany, Austria, Holland, Belgium and Italy*; *Statesman's Year Book*, etc.

**199.†—A.—Railway Rate-making in Practice**, a course of fifteen lectures by Mr. BURTT, on Wednesdays, at 7.15 p.m., in Michaelmas and Lent Terms, beginning M.T. 6th October, L.T. 12th January.

Fee:—For the Course, £2 5s.

Students attending these lectures may write weekly essays for the lecturer, and an examination will be held at the end of the course.

**Syllabus.** Various Theories. Equal mileage; the basis of cost; "what the traffic will bear"; the maintenance of Geographical advantage. Classification of Traffic.—History of Legislation; the Statutory and the Clearing House Classification. Parliamentary Maxima and actual Scale Rates. The Provisional Orders of 1891 and 1892.—Class Rates and Special Rates. Terminal Charges as distinguished from Conveyance Rates. Parcels and Coaching Traffic—Scales and Rates. The Parcel Post System. The Railway Clearing House. Passenger Fares.—The History of penny-a-mile fares; fares on the Continent. Excursion fares, pleasure parties, kilometer books, zone fares and other special arrangements. Freight Rates in America.—Problems of Undue Preference or "Discrimination." The Long and the Short Haul. Export and Import Rates. American Zones and Continental arrangements. The "Blanket" Rate System irrespective of distance. The Inter-State Commerce Commission. Continental Arrangements in regard to Freight Rates. A comparison of arrangements—America, England, Germany.

BOOKS RECOMMENDED.—H. Marriott, *The Fixing of Rates and Fares*; W. Z. Ripley, *Railway Problems*; W. M. Acworth, *Elements of Railway Economics*; Harry G. Brown, *Transportation Rates and their Regulation.*

**200.†—Ports and Docks**, a course of six lectures by Mr. BURTT, on Wednesdays, at 7.15 p.m., in Lent Term, beginning 9th February.

Fee:—£1 2s. 6d.

**Syllabus.** (1) Physical circumstances affecting location. Construction and cost of harbours, docks and piers. Influence and variation of tides. American harbours. Tidal harbours v. enclosed docks.

(2) Port authorities. Conservancy Commissioners. Railway-owned docks. The Manchester Ship Canal and its docks.

(3) Dock appliances and general equipment. Crane facilities. Grain elevators. Coal shipping facilities. The coal export trade. Teemers and trimmers. Special equipment of a fish dock.

(4) Principles of charging at docks:—i. For accommodation: dues on ships for use of water space; rates on cargo for use of wharves and quayage area; charges for berthage. ii. For services: stevedore rates for loading or discharging; cramage, labourage, teeming or trimming coal; pilotage, etc.

(5) Port rates, import and export. Effect of port rates on general system of rates. Policy of various countries: America, Germany, France, England. Provisions of 1888 Act of Parliament.

(6) Description in detail of a sample dock system. Subsidiary adjuncts to a dock—dry dock accommodation, warehouses, oil wharf, timber yards, general system of sidings. Adaptation of arrangements in accordance with specific trade anticipated.

The importance to the trade of any country, especially of an island country like Great Britain, of an adequate dock system.

**201.†—Seminar for advanced students** by Mr. STEPHENSON. Times to be arranged with students. Admission to the Seminar will be exclusively by permission of Mr. Stephenson.

Open to students paying either the Composition Fee or the Research Fee.

N.B.—Reference should also be made to the following course:—

No. 114.—"The Law of Carriage by Railway."

**MODERN LANGUAGES.****FOR THE DEGREE IN COMMERCE (B.COM.) AND THE  
COMMERCIAL CERTIFICATE.**

By arrangement between the London School of Economics and King's College, classes will be arranged at **King's College** in the following languages:—

**FRENCH.** [Matriculation standard will be assumed.]

	Day.	Evening.
Intermediate:—	Tuesdays, 2-3. Fridays, 12-1.	Tuesdays, 6-8.
Final:—	Tuesdays, 3-4. Fridays, 11-1.	Fridays, 6-8.

**GERMAN.**

	Day.	Evening.
Intermediate:—	Mondays, 2-4. Tuesdays, 2-3. Thursdays, 2-3. Fridays, 12-1.	Tuesdays, 6-8.
Final:—	Tuesdays, 3-4. Thursdays, 3-4. Fridays, 3-4.	Fridays, 6-8.

**SPANISH.**

	Day.	Evening.
Intermediate:—	Mondays, 2-4. + 3 hrs. to be arranged.	Tuesdays, 6-8.
Final:—	Mondays, 2-3. Fridays, 3.30-4.30. + 1 hr. to be arranged.	At hours to be arranged.

**RUSSIAN.**

	Day.	Evening.
Intermediate:—	Thursdays, 2-4. + 3 hrs. to be arranged.	Tuesdays, 6-8.
Final:—	Mondays, 2-4. + 3 hrs. to be arranged.	At hours to be arranged.

**PORTUGUESE**

**ROUMANIAN**

**POLISH**

**MODERN GREEK**

} at hours to be arranged.

By arrangement between the London School of Economics and University College, classes will be arranged at **University College** in the following languages:—

	Day.	Evening.
ITALIAN.		
Intermediate:—	Mondays, 3-5.	Tuesdays, 6-8.
Final:—	Tuesdays, 2-5.	Tuesdays, 6-8.

**NORWEGIAN**

**SWEDISH**

**DANISH**

**DUTCH**

} at hours to be arranged.

**ORIENTAL LANGUAGES** can be taken at **The School of Oriental Studies.**

**FOR THE DEGREE OF B.SC.(ECON.)**

Courses in French and German for students working for the degree of B.Sc. (Econ.) are being arranged at **King's College** at the following times:—

<b>FRENCH.</b>	Mondays, 2-3. Thursdays, 2-3.
<b>GERMAN.</b>	
Elementary:—	Mondays, 6-7. Thursdays, 6-7.
Advanced:—	Fridays, 6-7.

## DEGREES, DIPLOMAS & CERTIFICATES.

This part of the Calendar gives information as to the steps to be taken by students desiring to obtain a Degree or Diploma (granted by the University) or a Certificate (granted by the School, or by the Ratan Tata Department of Social Science and Administration).

It is divided into the following sections :—

- I. MATRICULATION.
- II. REGISTRATION.
- III. FIRST DEGREES.
- IV. HIGHER DEGREES.
- V. DIPLOMAS.
- VI. CERTIFICATES.

The most important University Regulations dealing with these matters are summarised below. **Students should however also consult the actual Regulations and the pamphlets issued by the University (to which references are given) as these alone are authoritative.**

### I.—MATRICULATION.

Before being registered as a student of the University (either Internal or External) and being entitled to proceed to a degree, a person must either

- (1) have passed the London Matriculation Examination,
- or (2) have satisfied the conditions for Matriculation at the Senior or General School Examination,
- or (3) have passed the Examination before a Board of Examiners under Statute 116,
- or (4) have been exempted from the Matriculation Examination in accordance with the regulations approved by the Senate under Statute 116,
- or (5) have been registered as candidates under the terms of Statute 113.

#### (1). The Matriculation Examination.

This is held three times a year, and candidates must take English, Elementary Mathematics, a language, and two other subjects to be selected from a list given in the Regulations for Matriculation (see below). Candidates must be sixteen years of age, and should apply to the Principal, University of London, S.W. 7, for an entry form, by the dates shown in the following table. The examination fee is £2 12s. 6d.

The examinations are held as follows :—

	Date Examination Begins.	Entry Forms must be applied for by	Entry Forms must be completed and returned by	Candidates must have completed their sixteenth year by
1	September 15th —if Monday. If not, preceding Monday.	August 20th.	14 Days before beginning of examination	September 15th.
2	Second Monday in January.	November 25th.	December 1st.	January 14th.
3	Second Monday in June.	April 25th.	May 1st.	July 31st.

#### (2). The Senior or General School Examinations.

The University holds in approved Schools an examination called the Senior or General School Examination, for which any pupil who has pursued an approved course of study is eligible. Candidates who pass the examination are entitled to be registered without further fee as Matriculated Students provided they are sixteen years of age and provided also that the subjects in which they have attained the standard required for matriculation at one and the same examination include those required by the regulations for matriculation.

#### (3). Examination before a Board of Examiners.

Certain overseas students of not less than nineteen years of age, on presentation of certificates which, in the opinion of the Principal, indicate that they have attained a standard *prima facie* involving an education equivalent in their own country to that required for matriculation in London University, may apply for examination before a Board of Examiners in London in place of matriculation.

#### (4). Exemption under Statute 116.

Certain students are exempted from the Matriculation Examination because either (1) they are graduates of approved Universities or (2) they have passed certain specified examinations.

#### (5). Exemption under Statute 113 (for admission to the University for the purpose of proceeding to higher degrees).

Statute 113 provides that "the Senate may admit graduates of or persons who have passed the examination required for a degree in other Universities approved by it for that purpose as Internal Students and as candidates for any of the higher degrees (except in Medicine and Surgery) without their having taken previously any lower degree."

For full details regarding the regulations governing the Matriculation Examination (including concessions in respect of war service), see the "Regulations for Matriculation," which may be obtained on application to the External Registrar, University of London, S.W.7.

## II.—REGISTRATION.

Students of the University are either *Internal* or *External*. "Internal" Students of the University are students who have matriculated at the University (or have been admitted under Statute 113 or Statute 116) and are pursuing a course of study approved by the University in a School or Schools or under one or more of the teachers of the University. All other matriculated students (or students admitted under Statute 116) are "External Students."

A matriculated student of the University who wishes to proceed to a first degree (B.Sc., B.Com. or LL.B) as an **Internal Student** at the London School of Economics and Political Science should in addition to the form of admission to the School, apply to the Secretary of the School for a Registration Schedule. These Registration Schedules are supplied by the Academic Registrar of the University to the Authorities of Schools or Institutions, and, after they have been issued to students and filled up, are returned by these Authorities to the Academic Registrar. A card is sent by the Academic Registrar to each student whose application for registration is approved, notifying his registration as an Internal Student.

For information relating to registration as an **External Student** application should be made to the External Registrar, University of London, S.W.7. Such students may, if they desire it, attend lectures and classes at the School on payment of the fees specified in each case.

In accordance with the definition of Internal Students in the Statutes, Section 132, any Matriculated Student who is pursuing a course of Study approved by the University *either*—

(a) under the direct control of the University or a Committee appointed thereby or in any one or more schools of the University; or

(b) under one or more of the appointed or recognised teachers of the University,

can be registered as an Internal Student.

Students attending at more than one School or Institution must be registered at each such School or Institution.

Applications for Registration as an Internal Student (including Registration under Statutes 112, 113, or 129) should normally be made within four months from the first attendance at the course on account of which Registration is desired and before the end of the Session in which such Course was begun. The following fees are payable in respect of Applications received at a later date, and acceded to:—

(i) In respect of an Application received more than four months\* after the beginning of the Course submitted but during the same Session—£1.

\* The period of four months will be reckoned as from the last day of the month in which the Course in question was begun.

Duly qualified persons, not being Graduates of this University, may be registered as Internal Students with a view to candidature for the Teacher's Diploma without payment of the Registration Fee of 3 guineas; but such persons will not be permitted to proceed as Internal Students to any degree without previous payment of the Registration Fee.

(ii) In respect of an Application received in a Session subsequent to that in which the Course submitted was begun—£3.

Students who begin their Course of Study in October and matriculate in the following January may be registered without payment of a fine, on the receipt by the University of a registration schedule not later than March 31st.

Fees on the same scale will be payable in respect of Applications for the retrospective approval of Honours Courses and Courses for Higher Degrees.

Students whose third year's Course of Study under Section 19 of the General Regulations as to Approved Courses of Study is received later than May 1st in the second year's Course of Study (or, in the case of postgraduate Courses, later than June 15th in the second year's Course of Study) but in time to be approved by the University during the third term, will be required to pay a fine of £1.

*Note.*—Students are advised to apply for Registration as soon as qualified. Students whose names have been returned by the Authorities of a School or Institution as having discontinued attendance at an Approved Course of Study and whose names have consequently been removed from the Register of Internal Students may be re-registered, after notification by the Authorities of a School or Institution that they have resumed an Approved Course of Study. Fees payable in respect of late Applications for re-registration will be on the same scale as those payable in respect of late Application for Registration.

## EXTRACT FROM UNIVERSITY STATUTES.

The following Sections of University Statutes are important to internal students and are quoted for purposes of reference:—

125. Except as hereinafter provided no person shall be admitted to a first degree in the University as an Internal Student unless and until he has completed an approved course of study comprising all the subjects in which he presents himself and extending over not less than three years. Such three years shall be calculated from a date not earlier than matriculation unless the Senate shall either generally by regulation or in special cases allow the same to be calculated from a date not exceeding four months before matriculation. Any person who has passed the intermediate examination before he is registered as an Internal Student may be allowed to take the final examination for the first degree before the end of a three years' course provided that subsequently to passing the intermediate examination he shall have attended for two years an approved course of study for the final examination. If he passes that examination he shall be admitted to the degree without further examination but not until he shall have completed three years of study as an Internal Student by attending subsequently to passing the final examination a further approved course of study and not unless the Authorities of the School or Institution at which such course is held have certified that his attendance and progress have been satisfactory. Provided that

- (1) A person who has presented himself for a final examination for a first degree as an Internal Student and has failed may be permitted to present himself on a subsequent occasion for such final examination as an Internal Student in subjects other than those in which he presented himself on the first occasion after such further course if any as the Senate shall generally by regulation or in special cases determine.
- (2) A course of study extending over not more than one year taken in another University approved for the purpose subsequently to the passing of the intermediate examination may be accepted in lieu of an approved course of study taken in this University subject to such regulations as the Senate may from time to time prescribe.
- (3) During the continuance of the War begun in 1914 and after its termination for such period as the Senate shall see fit the Senate shall have power to waive the conditions of this Statute in such a way as will

prevent as far as possible any Internal Student of the University from being placed at a disadvantage through going on active service or undertaking other approved duties in connexion with national defence.

- (4) During the period aforesaid the Senate shall have power to waive the conditions of this Statute in such manner as they shall see fit in special cases in respect of students of foreign Universities and foreign Institutions of similar rank whose studies therein have been interrupted owing to the War begun in 1914 and who have become Internal Students of the University and have pursued a course of study therein extending over not less than one academic year.

For the purposes of this Statute the date of matriculation shall be taken to be the first day of the matriculation examination at which the candidate passed or in respect of which he was registered.

126. Courses of study qualifying for admission to the examinations for the several degrees shall be from time to time prescribed for the guidance of Internal Students. In thus prescribing courses of study the Senate, while providing in each case for an academic training of adequate breadth and duration, shall endeavour to allow the Students a wide option in the choice of study, and the Senate may for such reasons as seem to it sufficient permit Students during their academic career to modify their courses of study and may in special cases grant exemptions in respect of such courses. Or the Governing Body of any School of the University may from time to time submit to the Senate for its approval courses of study which such Governing Body is prepared to provide within that School.

127. Every Internal Student before being admitted to the final Examination for a first degree as an Internal Student shall produce to the officer appointed for the purpose certificates of having pursued his approved course of study extending over the full period of not less than three years. Such certificates shall be signed by or on behalf of the Governing Body of the School if and so far as his course of study has been pursued in a School and in every other case by or on behalf of the Teachers under whom it has been pursued. No certificate shall be accepted from any Teacher except in the subject for which he has been appointed or recognised as hereinbefore provided.

128. It shall not be required that an Internal Student shall pursue the whole of his approved course of study in the same institution whether such institution be a School of the University or not but the course of study shall be continuously pursued unless the Senate in particular cases on the ground of illness or other cause which may appear to it sufficient shall otherwise determine.

129. Any Graduate of the University who shall have taken a degree either as an Internal or as an External Student may be admitted as an Internal Student to the Examination for a higher degree within the purview of any Faculty except Theology or Medicine other than that in which he has graduated on completing a prescribed course of study in a School or Schools or under a Teacher or Teachers of the University or may in place of the whole or any part of such Examination submit the results of study or research subject to the provisions hereinbefore contained. Any Graduate of the University who shall have taken a degree as an External Student may be admitted as an Internal Student to the Examination for a higher degree within the purview of the same Faculty on completing a prescribed course of study in a School or Schools or under a Teacher or Teachers of the University or may in place of the whole or any part of such Examination submit the results of study or research subject to the provisions hereinbefore contained. Persons applying for admission as Candidates under this Statute after the first day of September, 1911, must produce evidence of having passed a general Examination approved in each case by the University for the purpose or conducted by the University in the subject in which they desire to proceed to a higher degree or in a cognate subject.

130. No disability shall be imposed upon any Internal Student by reason of the approved course of study pursued by him being or having been pursued in the evening only.

131. The Senate shall not impose any limit of time or require any number of hours' study within a limited period or make any similar provision which will prevent such Internal Students as study in the evening only from obtaining a degree as Internal Students.

For Regulations regarding approved courses of study see "University Red Book."

### III.—FIRST DEGREES.

The First Degrees for which the School of Economics provides teaching in some or all of the subjects required, are the degrees of Bachelor of Science in the Faculty of Economics (B.Sc. Econ.), Bachelor of Commerce (B.Com.), Bachelor of Laws (LL.B.), Bachelor of Arts (B.A.), and Bachelor of Science in the Faculty of Science (B.Sc.).

All the subjects required by the University for the Degrees of B.Sc. (Econ.), B.Com., and LL.B. are either taught at the School or arrangements have been made by which students registered at the School receive the requisite instruction at other colleges of the University.

In the case of the degrees of B.A., B.Sc. (in pure Science and in Household Science) students will find a number of courses at the School in the subjects prescribed for these degrees, but can only take a complete course as Internal Students by registering elsewhere.

#### 1. THE DEGREE OF BACHELOR OF SCIENCE IN ECONOMICS (B.Sc. Econ.)

This degree is taken in two stages:—

- (1) The Intermediate which, in the case of day students, is normally taken at the end of the first year of study but which may be deferred. The intermediate must, however, be passed before a student can proceed to
- (2) The Final which, in the case of day students, is normally taken at the end of the third year of study. Students who have deferred their intermediate are recommended to defer their final also. The final may be a pass or may be taken with honours.

The School provides complete pass and honours courses for this degree, both for day and for evening students.

In the case of evening students, the Intermediate Syllabus involves attendance at the School on four nights a week, which does not leave sufficient time for reading for students who are engaged on other work during the day. Evening students, therefore, are recommended not to take the intermediate course in one year, but to spread it over two years, unless after consultation with their



Adviser of Studies they are found to have a sufficient preliminary knowledge. The Final Course also involves attendance on four nights each week and should, therefore, not be attempted, as a rule, by evening students in less than three years (in place of two for day students).

### (1) The Intermediate.

The intermediate examination is held once a year, and is the same for all students whether they intend to take a pass or an honours final. Students at the School of Economics take a "Special" Intermediate Examination in place of the General Intermediate Examination of the University. The required subjects of examination and the courses provided to cover these are shown in the following tables:—

No. of Subjects.	Subject,	No. of Papers.	Ref. Nos. of Courses in Calendar covering each subject of Examination.
I.	Economics ... ..		
(a)	Industrial and Commercial History	1	81
(b)	Principles of Economics ... ..	1	40
(c)	Currency, Banking, Trade and Finance ... ..	1	10, 20, 22
(d)	Passages from French and German Works on subjects (a) (b) and (c) for translation and comment. Candidates may confine themselves to passages in one of these languages ... ..	1	—
II.	The British Constitution ... ..	2	130, 131
III.	(a) Mathematics ... ..	2	181
	(b) Logic and Scientific Method ... ..		
IV.	Geography, with special reference to Industry, Commerce and Politics...	1	61

\* The Students' only choice in this course is between Logic and Mathematics. All other subjects are compulsory.

Candidates are required to show a competent knowledge in each of the four subjects (I., II., III. and IV.), but a Candidate who has passed in three subjects out of the four may be allowed to offer the fourth subject alone at the next following examination.

The day and evening time-tables of approved courses for this examination are given on pages 93 and 94 respectively.

### B.Sc.(Econ.)—Day Time-Table for First Year (Intermediate).

The Subjects in Italics are Options or Alternatives from which Student can select in accordance with the requirement for the degree. The other subjects are compulsory.

Day.	Time.	Short Title of Course.	No. of hrs.	Term in which held.	Lecturer.	Ref. No. in Calendar.
Mon.						
Tues.	10.45	Geography ...	30	M.L.S.	Mrs. ORMSBY ... ..	61
	12.0	Foreign Trade ...	11	M.	Mr. GREGORY ... ..	20
	12.0	Elements of Currency & Banking	9	S.	Mr. GREGORY ... ..	10
	2.30	Geography (Class)	30	M.L.S.	Mrs. ORMSBY ... ..	61
	4.0	Local Government ... ..	10	L.	Mr. LEES SMITH ... ..	130
Wed.	10.45	Growth of Industry	30	M.L.S.	Dr. KNOWLES ... ..	81
	12.0	Elements of Industrial Organisation ... ..	30	M.L.S.	Mr. DRUMMOND SMITH	22
Thur.	11-1	<i>Mathematics</i> ...	60	M.L.S.	Mr. CURWEN ... ..	181
	11.0	<i>Logic</i> ... ..	30	M.L.S.	Dr. WOLF ... ..	120
	12.0	<i>Logic (Class)</i> ...	30	M.L.S.	Dr. WOLF ... ..	120
Fri.	10.45	Elements of Economics ...	30	M.L.S.	Mr. DALTON ... ..	40
	12.0	British Constitution ... ..	30	M.L.S.	Mr. LEES SMITH ... ..	131
	2.30	Elements of Economics (Class)	30	M.L.S.	Mr. DALTON ... ..	40

N.B.—Courses in French and German are provided at King's College (see p. 85).

**B.Sc.(Econ.)—Evening Time-Table for First Year  
(Intermediate).**

The Subjects in *Italics* are Options or Alternatives from which Student can select in accordance with the requirement for the degree. The other subjects are compulsory.

Day.	Time.	Short Title of Course.	No. of hrs.	Term in which held	Lecturer.	Ref. No. in Calendar.
Mon.	6.0	<i>Logic ... ..</i>	30	<b>M.L.S.</b>	Dr. WOLF ... ..	120
	7.0	<i>Logic (class) ...</i>	30	<b>M.L.S.</b>	Dr. WOLF ... ..	120
Tues.	6.0	Growth of Industry	30	<b>M.L.S.</b>	Dr. KNOWLES ...	81
	7.15	British Constitution ... ..	30	<b>M.L.S.</b>	Mr. LEES SMITH ...	131
	8.15	Elements of Industrial Organisation ... ..	30	<b>M.L.S.</b>	Mr. DRUMMOND SMITH	22
Wed.	6.0	Geography... ..	30	<b>M.L.S.</b>	Mrs. ORMSBY ...	61
	7.0	Geography (class)	30	<b>M.L.S.</b>	Mrs. ORMSBY ...	61
Thur.	6.0	Foreign Trade ...	11	<b>M.</b>	Mr. GREGORY... ..	20
	6.0	Local Government ... ..	10	<b>L.</b>	Mr. LEES SMITH ...	130
	6.0	Elements of Currency and Banking ... ..	9	<b>S.</b>	Mr. GREGORY... ..	10
	7.15	Elements of Economics ... ..	30	<b>M.L.S.</b>	Mr. DALTON ... ..	40
	8.15	Elements of Economics (class)	30	<b>M.L.S.</b>	Mr. DALTON ... ..	40
Fri.	6-8	<i>Mathematics ...</i>	60	<b>M.L.S.</b>	Mr. CURWEN... ..	181

*N.B.*—Courses in French and German are provided at King's College (see p. 85).

**(2.) The Final.**

The final examination is held once a year, in October, and is either for a Pass or for Honours.

**(a) Final, Pass.**

Candidates for a Pass will be examined in the following subjects, and will take the approved courses shown in the time-tables on pages 96-99.

No. of Subjects.	Subject.	No. of Papers.	Ref. No. of Courses in Calendar covering each subject of Examination.
I.	Economics (including statistics, one paper) ... ..	3	42, 184
II.	Public Administration... ..	1	132, 135, 144
III.	Passages from French and German Works on Economics and Public Administration for translation and comment. Candidates will be required to attempt at least one passage in each language ... ..		—
IV.	(a) History ... ..	1	83, 85
	or (b) Accounting and Business Organisation ... ..	2	1, 2, 3, 11
V.	Essay (on one of three subjects within the range of Economics and Political Science) ... ..	1	
VI.	One subject to be selected from the following:—		
	(a) Accounting* ... ..		1, 2
	(b) Industrial and Commercial Law...		100, 101, 102
	(c) Constitutional Law and History...	1	105, 106
	(d) Public International Law ...		110, 111
	(e) Geography... ..		66

\* May only be taken if not taken in IV.

**B.Sc.(Econ.)—Day Time-Table for Second Year  
(Final Pass).**

The Subjects in Italics are Options or Alternatives from which the Student can select in accordance with the requirements for the degree. The other subjects are compulsory.

Day.	Time.	Short Title of Course.	No. of hrs.	Term when held.	Lecturer.	Ref. No. in Calendar.
Mon.	11.0	<i>Accounts I.</i> ...	30	M.L.S.	{ Prof. DICKSEE ... Mr. DE PAULA ...	1 1
	12.0	<i>Accounts I. (Class)</i>	30	M.L.S.	{ Prof. DICKSEE ... Mr. DE PAULA ...	1 1
	3.30*	<i>International Law—Peace</i> ...	30	M.L.S.	Prof. PEARCE HIGGINS	110
	4.30*	<i>International Law—Peace (Class)</i>	30	M.L.S.	Prof. PEARCE HIGGINS	110
	6.15	<i>Constitutional Law I.</i> ...	30	M.L.S.	Dr. BELLOT ...	105
	7.15	<i>Constitutional Law I. (Class)</i>	30	M.L.S.	Dr. BELLOT ...	105
Tues.	10.45	Political Ideas ..	30	M.L.S.	Mr. LASKI ...	144
	12.0	Principles of Economics ...	30	M.L.S.	Prof. CANNAN ...	42
Wed.	10.45	<i>Political Position of Gt. Powers</i> ...	30	M.L.S.	Mr. LASKI ...	85
	12.0	Commerce and Colonisation ...	30	M.L.S.	Dr. KNOWLES ...	83
Thur	10.45	<i>Political Position of Gt. Powers (Class)</i>	30	M.L.S.	Mr. LASKI ...	5
	12.0	Central Government ...	30	M.L.S.	Mr. LEES SMITH ...	132
	2.30	Central Government (Class) ... [alternate weeks]	15	M. S.	Mr. FINER ...	132
Fri.	6.0	<i>Commercial Law I.</i> ...	30	M.L.S.	{ Prof. GUTTERIDGE ... Mr. PAGE ...	101
	7.0	<i>Commercial Law I. (Class)</i> ...	30	M.L.S.	{ Prof. GUTTERIDGE ... Mr. PAGE ...	101

\*In the session 1921-22, this course will be held from 7-9 on Fridays. Day students, whether in their second or third year, should take these lectures during the session 1920-21

**B.Sc.(Econ.)—Day Time-Table for Third Year  
(Final Pass).**

The Subjects in Italics are Options or Alternatives from which the Student can select in accordance with the requirements for the degree. The other subjects are compulsory.

Day.	Time.	Short Title of Course.	No. of hrs.	Term when held.	Lecturer.	Ref. No. in Calendar.
Mon.	3.30*	<i>International Law—Peace</i> ...	30	M.L.S.	Prof. PEARCE HIGGINS	110
	4.30*	<i>International Law—Peace (Class)</i>	30	M.L.S.	Prof. PEARCE HIGGINS	110
	6.0	<i>Industrial Law</i>	11	M.	Prof. GUTTERIDGE ...	100
	7.0	<i>Industrial Law (Class)</i> ...	11	M.	Prof. GUTTERIDGE ...	100
	6.0	<i>Commercial Law II.</i> ...	19	L.S.	Prof. GUTTERIDGE ...	102
	7.0	<i>Commercial Law II. (Class)</i> ...	19	L.S.		
Tues.	10.45	Currency and Banking ...	20	M.L.	Prof. FOXWELL ...	11
	10.45	Public Finance	9	S.	Mr. DALTON ...	135
	12.0	Principles of Economics ...	30	M.L.S.	Prof. CANNAN ...	42
Wed.	10.45	<i>Political Position of Gt. Powers</i>	30	M.L.S.	Mr. LASKI ...	85
	6.15	<i>Business Organisation</i> ...	20	M.L.	Prof. DICKSEE ...	3
Thu.	10.30	<i>Political Position of Gt. Powers (Class)</i> ...	30	M.L.S.	Mr. LASKI ...	85
	12	Central Govt.	30	M.L.S.	Mr. LEES SMITH ...	132
	6	General Statistics	30	M.L.S.	Prof. BOWLEY ...	184
	6	† <i>Logic (Senior Course)</i> ...	15	L.S.	Dr. WOLF ...	122
Fri.	6	<i>Accounts II.</i> ...	30	M.L.S.	{ Prof. DICKSEE ... Mr. DE PAULA ...	2
	7	<i>Accounts II. (Class)</i> ...	30	M.L.S.	{ Prof. DICKSEE ... Mr. DE PAULA ...	2
	6.15	<i>Constitutional Law II.</i> ...	30	M.L.S.	Dr. BELLOT ...	106
	7.15	<i>Constitutional Law II. (Class)</i>	30	M.L.S.	Dr. BELLOT ...	106

† This course is an alternative to the second half of the course on General Statistics for Students who took Logic at the Intermediate Examination.

\* In the session 1921-22, this course will be held from 7-9 on Fridays. Day students, whether in their second or third year, should take these lectures during the session 1920-21.

A class in Public Administration by Mr. LEES SMITH will be arranged to suit both day and evening students.

**B.Sc.(Econ.)—Evening Time-Table for Second Year  
(Final Pass).**

*Note* { The Subjects in Italics are Options or Alternatives from which the Student can select in accordance with the requirements for the degree. The other subjects are compulsory.

Day.	Time.	Short Title of Course.	No of hrs.	Term when held	Lecturer.	Ref. No. in Calendar.
Mon.	6.0	<i>Accounts I.</i> ...	30	M.L.S.	{ Prof. DICKSEE ... Mr. DE PAULA ...	1 1
	7.0	<i>Accounts I. (Class)</i> ...	30	M.L.S.	{ Prof. DICKSEE ... Mr. DE PAULA ...	1 1
	6.15	<i>Constitutional Law I.</i> ...	30	M.L.S.	Dr. BELLOT ...	105
	7.15	<i>Constitutional Law (Class)</i> ...	30	M.L.S.	Dr. BELLOT ...	105
Tues.	6.0	Principles of Economics ...	30	M.L.S.	Prof. CANNAN...	42
	7.15	Commerce and Colonization ...	30	M.L.S.	Dr. KNOWLES...	83
Wed.	6.0	<i>Political Position of the Great Powers (Class)</i> [beginning Feb. 9th.]	15	L.S.	Mr. LASKI ...	85
	6.15	<i>Business Organization...</i> ...	20	M.L.	Prof. DICKSEE...	3
	7.15	<i>Political Position of the Great Powers</i> ...	30	M.L.S.	Mr. LASKI ...	85
Thu.	6.0	General Statistics	30	M.L.S.	Prof. BOWLEY...	184
	6.0	† <i>Logic (Senior Course)</i> ...	15	L.S.	Dr. WOLF ...	122
	7.15	Central Govt. ...	30	M.L.S.	Mr. LEES SMITH ...	132
	8.15	Central Government (Class) [alternate weeks]	15	M.L.S.	Mr. FINER ...	132
Fri.	6.0	<i>Commercial Law I.</i> ...	30	M.L.S.	{ Prof. GUTTERIDGE ... Mr. PAGE ...	101
	7.0	<i>Commercial Law I. (Class)</i> ...	30	M.L.S.	{ Prof. GUTTERIDGE ... Mr. PAGE ...	101
	7.0	† <i>International Law II. (Class)</i> ...	30	M.L.S.	Prof. PEARCE HIGGINS	111
	8.0	† <i>International Law II.</i> ...	30	M.L.S.	Prof. PEARCE HIGGINS	111

† In the session 1921-22 this course will be held at 3.30 p.m. on Monday. Evening Students, whether in their second or third year, should take these lectures during the session 1920-21.

‡ This course is an alternative to the second half of the course on General Statistics, for Students who took Logic at the Intermediate Examination.

**B.Sc.(Econ.)—Evening Time-Table for Third Year  
(Final Pass).**

The Subjects in Italics are Options or Alternatives from which the Student can select in accordance with the requirements for the degree. The other subjects are compulsory.

Day.	Time.	Short Title of Course.	No. of hrs.	Term when held.	Lecturer.	Ref.No. in Calendar.
Mon.	6.0	<i>Industrial Law</i> ...	11	M.	Prof. GUTTERIDGE ...	100
	7.0	<i>Industrial Law (Class)</i> ...	11	M.	Prof. GUTTERIDGE ...	100
	6.0	<i>Commercial Law II.</i> ...	19	L.S.	Prof. GUTTERIDGE ...	102
	7.0	<i>Commercial Law II. (Class)</i> ...	19	L.S.	Prof. GUTTERIDGE ...	102
Tues.	6.0	Principles of Economics ...	30	M.L.S.	Prof. CANNAN...	42
	7.15	Currency and Banking... ...	20	M.L.	Prof. FOXWELL ...	11
	7.15	Public Finance... ...	9	S.	Mr. DALTON ...	135
Wed.	6.0	<i>Political Position of the Great Powers (Class)</i> [beginning Feb. 9th]	15	M.L.S.	Mr. LASKI ...	85
	7.15	<i>Political Position of the Great Powers</i> ...	30	M.L.S.	Mr. LASKI ...	85
Thu.	6.0	Public Administration ...	30	M.L.S.	Prof. GRAHAM WALLAS	133
	7.15	Political Ideas ...	30	M.L.S.	Mr. LASKI ...	134
	8.15	Public Administration (Class) [alternate weeks]	15	M.L.S.	Mr. FINER ...	133
Fri.	6.0	<i>Accounts II.</i> ...	30	M.L.S.	{ Prof. DICKSEE ... Mr. DE PAULA ...	2 2
	7.0	<i>Accounts II. (Class)</i> ...	30	M.L.S.	{ Prof. DICKSEE ... Mr. DE PAULA ...	2 2
	6.15	<i>Constitutional Law II.</i> ...	30	M.L.S.	Dr. BELLOT ...	106
	7.15	<i>Constitutional Law II. (Class)</i> ...	30	M.L.S.	Dr. BELLOT ...	106
	7.0	† <i>International Law II. (Class)</i> ...	30	M.L.S.	Prof. PEARCE HIGGINS	111
	8.0	† <i>International Law II.</i> ...	30	M.L.S.	Prof. PEARCE HIGGINS	111

† In the session 1921-22 this course will be held at 3.30 on Monday. Evening students, whether in their second or third year, should take these lectures during the session 1920-21.

A class in Public Administration by Mr. LEES SMITH will be arranged to suit both day and evening students.

**(b) Final, Honours.**

Candidates for Honours will be examined in the subjects set out below, and each such candidate must submit early in the first session of his Honours course a scheme of study for the approval of the University. This scheme should be prepared after consultation with the head of the Department dealing with the student's optional Honours subject (IV.) as set out in the following table of subjects.

There is no general time table for the Honours course. Each student must select his courses from those set out in the Pass time tables above, and from the courses marked A in the detailed list of Lectures, Classes and Seminars (see pages 28-83).

No. of Subjects.	Subject.	No. of Papers.	Head of Department dealing with the optional Honours subject.
I.	Economics ... ..	3 (one essay paper).	—
II.	History ... ..	1	—
		2	—
III.	Public Administration ... ..	(one essay paper). 2	—
or			
II.	Accounting and Business Organisation	(one essay paper). 2	—
III.	Public Administration... ..	1	—
IV.	One subject to be selected from the following:—	3	
	(a) Economics, descriptive and analytical;		Prof. CANNAN
	(b) Economic History (Mediæval);		—
	(c) Economic History (Modern);		Dr. KNOWLES
	(d) The History of Political Ideas;		Mr. LASKI
	(e) Public Administration;		{ Prof. GRAHAM WALLAS Mr. LEES SMITH
	(f) The History, Theory, and Present Systems of Banking and Currency;		Prof. FOXWELL
	(g) The History, Theory, and Present Organisation of International Trade;		Prof. SARGENT
	(h) The History, Theory, and Present Organisation of Transport;		Mr. STEPHENSON
	(i) The History, Theory, and Present Systems of Insurance;		Prof. DICKSEE
	(j) Theory and Practice of Statistics, including Demography;		Prof. BOWLEY
	(k) Sociology:—		
	(a) Comparative Study of Social Institutions, and either (b) Psychology or (c) Ethnology;		{ (a) } Prof. HOBHOUSE (b) } (c) Prof. SELIGMAN

No. of Subjects.	Subject.	No. of Papers.	Head of Department dealing with the optional Honours subject.
	(l) Public International Law (including the History and Effect of the Principal Public Treaties now in force);		Prof. PEARCE HIGGINS
	(m) Geography, with special reference to the economic and political development and present organisation of Europe and North America.		Sir H. MACKINDER Mrs. ORMSBY

**Notes.**

(1) The Examinations in Economics, History and Public Administration or in Economics, Accounting, Business Organisation and Public Administration, are compulsory on all candidates for Honours, and will be similar in scope to those for a Pass, but of a higher standard.

(2) One of the three papers on the selected subject will consist of passages from French and German works on the subject for translation and comment, and candidates will be required to attempt passages in both these languages.

(3) Candidates who choose IV. (e) must specify before June 1st of the year they take their final what country they select.

(4) All students must attend a course of lectures on Modern Historical Geography.

(5) A candidate who enters for, but fails to obtain, Honours may be recommended by the Examiners for a Pass Degree, if they are satisfied that he has shown such a competent knowledge as is required by the Regulations for the Pass Degree.

## FEES for B.Sc. (Econ.):—

**Composition Fee** (including Lectures, Classes, etc., and full Student Union privileges).

Session: Day ... £22 1 0 Term: Day ... £8 8 0  
 „ Evening £12 12 0 „ Evening £4 14 6

**Foreign Students' Tutorial Classes** (if required):—

Session ... .. £10 10 0 Term ... .. £4 4 0

**Examination Fee:**—

Intermediate ... £6 6 0 Final ... .. £6 6 0

## ADVISERS OF STUDIES:—

**Intermediate:** Mr. JOYNT.

Mr. DRUMMOND SMITH.

(Each Student will be assigned to one or other of the above.)

**Final (Pass):** Mr. DALTON.

**Final (Honours):** The Head of the Department dealing with the optional Honours subject.

UNIVERSITY REGULATIONS:—Full details of the regulations governing the degree are given in a pamphlet entitled "Regulations in the Faculty of Economics for Internal Students," which may be obtained at the School, or from the Academic Registrar, University of London, South Kensington, S.W.7.

2.—THE DEGREE OF BACHELOR OF COMMERCE (B.COM.).

The degree is taken in two stages:—

- (1) The Intermediate, which is normally taken at the end of the first year of study. It consists of two parts, which may be taken on different occasions.
- (2) The Final is in two parts, the first part being taken at the end of the second year, and the second part at the end of the third year of study.

(1) The Intermediate.

The Intermediate Examination is held twice a year, in September and in March. Candidates will be examined in:—

No. of Subjects	SUBJECT.	Part I. or Part II. of Intermediate	No. of Papers.	Ref. No. of Course in Calendar covering Subject of Examination		
I.	Elements of Economics... ..	I.	1	40		
II.	Banking Currency Trade (and Transport) and Finance ... ..	II.	1	10, 20, 21		
III.	Geography ... ..	I.	2	60		
IV.	(a) Accounting as applied to Traders and Trading Companies (see Note 1, p.103) or alternately (b) World History with Special Reference to the 19th Century (see Note 1, p. 103)	II.	1	1		
			2 & viva	80		
V.	An approved, modern language ...	I.				
VI.	One subject to be selected from the following: (a) A second approved modern language ... .. (b) Chemistry ... .. (c) Physics ... .. (d) Geology ... .. (e) Botany ... .. (f) Pure Mathematics ... .. (g) Applied Mathematics ... .. (h) History— 1. History of Industry and Commerce ... .. 2. World History with special reference to 19th Century (see Note 1, p. 103) ... .. (i) English— 1. History of English Language and Literature ... .. 2. Composition, Expression, Style and Appreciation ... .. (j) Commercial Art (art as applied to an approved manufacture) ...	I.	1 & viva.			
			2 & pract.			
			2 & pract.			
			2 & pract.			
			2 & pract.			
			2	181		
			2	—		
			II.	}	2	81 and 83 82 for Evening students 80
					2	—
						2
			2	—		

Note 1. In order to be permitted to take Group A (Banking and Finance) at the Final Examination, candidates must have passed in IVb (World History) at the Intermediate Examination.  
In order to be permitted to enter for the Final Examination in any Group other than Group A (Banking and Finance) candidates must have passed in IVa. (Accounting) at the Intermediate Examination.  
Candidates who take World History under IVb. will not be permitted to take History under VIh.

Note 2. The languages already approved are as follows. They are not provided at the School, but students registered at the School attend at the Colleges named.

- |  |                              |
|--|------------------------------|
| French, German, Modern Greek, Spanish, Portuguese, Roumanian, Russian and Polish | } King's College             |
| Italian, Dutch, Danish, Norwegian, Swedish                                       | } University College         |
| Arabic, Persian, Turkish, Hindu, Malay, Chinese and Japanese ... ..              | } School of Oriental Studies |

In all modern foreign languages, colloquial and commercial knowledge will be required.

Note 3. Students taking Arabic, Persian, Turkish, Malay or Chinese will be required to give two calendar months' notice before the beginning of the Examination, and to pay a special fee of five guineas in addition to the ordinary fee.

Note 4. Note with regard to selection of subjects under VI. :—

(a) Candidates preparing for Trades involving a knowledge of the products and processes of manufacture, or any of the metal industries, are recommended to take a Science Subject (*i.e.*, Chemistry, Physics, Geology, or Botany) as their selected subject under VI. Candidates who intend to take Group D (Industry) at the Final Examination are also recommended to take one of the above Science Subjects.

(b) Candidates who intend to take Group E (General Transport) at the Final Examination are recommended to take Subject (*h*) (History) as their Selected Subject.

(c) Candidates preparing for Journalistic, Editorial, and Publicity work are recommended to take Subject (*i*) (English) as their Selected Subject.

(d) Candidates who intend to take Group I (Commercial Art) at the Final Examination are recommended to take Subject (*j*) (Commercial Art) as their Selected Subject.

Courses of study are provided at the School for all the compulsory subjects (I., II., III., IVa. and IVb.) and two of the optional subjects (VI*f*. Pure Mathematics and VI*h*. History). The time table for these and for modern languages is set out below, and tables are given showing the times and places at which courses for the science options can be taken.

Day students will, as a rule, find it possible to combine any of the science options with the compulsory subjects at the school without extending their intermediate course beyond one year. Evening students should, in any case, take two years for their intermediate course, as, if taken in one year, it involves attendance at lectures on five nights in the week.

**B.Com.—Day Time-Table for First Year (Intermediate).**

The Subjects in *Italics* are Options or Alternatives from which the Student can select in accordance with the requirements for the degree. The other subjects are compulsory.

Day.	Time.	Short Title of Course.	No. of hrs.	Term in which held.	Lecturer.	Where held.	Ref. No. in Calendar.
Mon.	11.0	<i>Accounts I.</i> ...	30	M.L.S.	Prof. DICKSEE,	School	1
	12.0	<i>Accounts I. (Class)</i>	30	M.L.S.	Col. DE PAULA	"	1
	2-4	<i>German</i> ...	30	M.L.S.	—	King's	—
	*2-4	<i>Spanish</i> ...	30	M.L.S.	—	"	—
	3-5	<i>Italian</i> ...	30	M.L.S.	—	Univ. Coll.	—
	6.0	<i>World History...</i> [From 11th Oct. to 8th Nov., at 7.15.]	30	M.L.S.	Prof. HEARN-SHAW Prof. TOYNBEE	School	80
Tues.	10.45	Geography...	30	M.L.S.	Mr. L. R. JONES	School	60
	12.0	Foreign Trade ...	11	M.	Mr. GREGORY...	"	20
	12.0	Trade (Special)...	10	L.	Mr. GREGORY...	"	21
	12.0	Elements of Currency and Banking ...	9	S.	Mr. GREGORY...	"	10
	2-3	<i>French</i> ...	30	M.L.S.	—	King's	—
	2-3	<i>German</i> ...	30	M.L.S.	—	"	—
	4.30	Geography (Class)	30	M.L.S.	Mr. BRYAN ...	School	60
Wed.	10.45	<i>Growth of Industry</i> ...	30	M.L.S.	Dr. KNOWLES...	School	81
	12.0	<i>Commerce and Colonisation...</i>	30	M.L.S.	Dr. KNOWLES...	"	83
Thu.	11-1	<i>Mathematics</i> ...	60	M.L.S.	Mr. CURWEN ...	School	181
	2-3	<i>German</i> ...	30	M.L.S.	—	King's	—
	*2-4	<i>Russian</i> ...	30	M.L.S.	—	"	—
Fri.	10.45	Elements of Economics ...	30	M.L.S.	Mr. DALTON ...	School	40
	12-1	<i>German</i> ...	30	M.L.S.	—	King's	—
	12-1	<i>French</i> ...	30	M.L.S.	—	"	—
	2.30	Elements of Economics (Class) ...	30	M.L.S.	Mr. DALTON ...	School	40

\* +3 hours to be arranged.

N.B.—Approved Oriental languages are arranged for at the School of Oriental Studies. Classes in other approved languages will be held at King's College and University College at hours to be arranged.

**Science Options.—Time-Table for Day Students.**

[For B.Com. (Intermediate).]

NOTE.—All day lectures in CHEMISTRY clash with compulsory lectures at the School. Day students desiring to take Chemistry as their option will therefore have to attend *Evening* lectures in that subject.

Subject.	College where Class held.	Lectures.				Practical.				
		Ref. No.	Term.	Day.	Hour.	Ref. No.	Term.	Day.	Hour.	
CHEMISTRY ...	King's or Birkbeck	Y 4(e)	M.L.S.	Fri.	7-9.30	Y 5(e)	M.L.S.	Fri.	6-8.30	
		Y 3(e)	"	Fri.	6-7 and 8.30-9.30	Y 4(e)	M.L.S.	Fri. and alternate Mon.	7-8.30 6-9.30	
PHYSICS ...	Birkbeck	Y 1	M.L.S.	Mon.	4-5	Y 4	M.L.S.	Mon.	2-4	
		Y 2	"	Wed.	2-3			Wed.	3-5	
		Y 3	"	Fri.	2-3			Fri.	3-5	
GEOLOGY ...	Birkbeck	Y 1	M.L.S.	Thur. and extra hours on Mon.	3.30-5	Y 2 and Y 3	M.L.S.	Thurs. Mon. and occasionally Fri.	2-3.30 2-5 2-5	
								Field work on Saturdays and Easter		
BOTANY ...	University	Y 1	M.L.S.	Tues.	9-10	Y 2	M.L.S.	Thur.	2-4.30	
				Thur.	9-10			M.L.	Fri.	2-4
				S.	9-10					
APPLIED MATHEMATICS	University	Y 1	M.L.S.	Mon.	10-11	Y 2	M.L.S.	Mon. or Thurs.	4-5 2-3	
				Tues.	2-3					
				Fri.	12-1					

**B.Com.—Evening Time-Table for First Year  
(Intermediate).**

The Subjects in *Italics* are Options or Alternatives from which the Student can select in accordance with the requirements for the degree. The other subjects are compulsory.

Day.	Time.	Short Title of Course.	No. of hrs.	Term in which held.	Lecturer.	Where held.	Ref. No. in Calendar.
Mon.	6.0	<i>Accounts I</i> ...	30	M.L.S.	Prof. DICKSEE	School.	1
	7.0	<i>Accounts I</i> (Class)	30	M.L.S.	Mr. DE PAULA	"	1
	6.0	* <i>World History</i> ... [From 11th Oct. to 8th Nov., at 7.15.]	30	M.L.S.	Prof. HEARN-SHAW Prof. TOYNBEE	"	80
Tues.	6.0	<i>French</i> .. ..	60	M.L.S.	—	King's	—
	to	<i>German</i> .. ..	60	M.L.S.	—	"	—
	8.0	<i>Spanish</i> .. ..	60	M.L.S.	—	"	—
		<i>Russian</i> .. ..	60	M.L.S.	—	"	—
		<i>Italian</i> .. ..	60	M.L.S.	—	Univ. College	—
Wed.	6.0	Geography... ..	30	M.L.S.	Mr. L. R. JONES	School	60
	7.0	Geography (Class)	30	M.L.S.	Mr. BRYAN ...	"	60
Thu.	6.0	Foreign Trade ...	11	M.	Mr. GREGORY ...	School	20
	6.0	Foreign Trade (Special)... ..	10	L.	Mr. GREGORY ...	"	21
	6.0	Currency ... ..	9	S.	Mr. GREGORY ...	"	10
	7.15	Elements of Economics ... ..	30	M.L.S.	Mr. DALTON ...	"	40
	8.15	Elements of Economics (Class)	30	M.L.S.	Mr. DALTON ...	"	40
Fri.	6.0	<i>Indus. and Com. History</i> ... ..	30	M.L.S.	Mr. DRUMMOND SMITH ... ..	School	82
	6-8	<i>Mathematics</i> ... ..	60	M.L.S.	Mr. CURWEN ...	"	181
	7.15	* <i>World History</i> ...	30	M.L.S.	Prof. HEARN-SHAW Prof. TOYNBEE	"	80

\* World History is available on Mondays at 6 or Fridays at 7.15.

N.B.—Approved Oriental languages are arranged for at the School of Oriental Studies. Classes in other approved languages will be held at King's College, and University College at hours to be arranged.

**Science Options.—Time-Table for Evening Students.**

[For B.Com. (Intermediate).]

Subject.	College where Class held.	Lectures.				Practical.			
		Ref. No.	Term.	Day.	Hour.	Ref. No.	Term.	Day.	Hour.
CHEMISTRY ...	King's	Y 4(e)	M.L.S.	Fri.	7-9.30	Y 5(e)	M.L.S.	Fri.	6-8.30
	Birkbeck	Y 3(e)	M.L.S.	Fri.	6-7 and 8.30-9.30	Y 4(e)	M.L.S.	Fri. and alternate Mon.	7-8.30 6-9.30
PHYSICS ...	Birkbeck	Y 5(e)	M.L.S.	Thur.	6-7	Y 7(e)	M.L.S.	Thur. and alternate Mon.	7-8.30 6-9.30
		Y 6(e)	M.L.S.	Thur.	8.30-9.30				
GEOLOGY ...	King's	Y 4(e)	M.L.S.	Tue.	6-8.30	[same time as Lectures]			
	Birkbeck	Y 4(e)	M.L.S.	Thur.	7-8.30	Y 5(e) and Y 6(e)	M.L.S.	Mon. Thur. and occasionally Fri. Field work Saturday and Easter.	6-9.30 6-7 and 8.30-9.30 6-9.30
BOTANY ...	King's	Y 3(e)	M.L.S.	Mon.	6-7	Y 4(e)	M.L.S.	Mon.	7-9
	Birkbeck	Y 4(e)	M.L.S.	Wed.	6-7.15	Y 5(e)	M.L.S.	Wed.	7.15-9.30
			S.	Mon.	6-7.30			Mon.	6-8.30 or 6.30-9
APPLIED MATHEMATICS	King's	Y 3(e)	M.L.S.	Fri.	6-8				
	Birkbeck	Y 3(e)	M.L.S.	Wed.	7-8				
		Y 4(e)	M.L.S.	Wed.	8-9				



**(2) The Final.**

Part I. of the Final consists of four compulsory subjects.

Part II. consists of a number of groups, from which the candidate will select one. This selection should be made before the end of the Michaelmas Term of the second year of study.

The approved modern language required in nearly all the groups of Part II. may, if the candidate prefers, be taken with Part I.

Each part can be taken in one year by day students. Evening students are advised to spread their Final course over three or more years.

**Final, Part I.**—The candidate will be examined in the following subjects:—

No. of Subject.	Subject.	No. of papers.	Ref. No. of course in Calendar covering subject of Examination.
I.	Present Organization of Industry, Banking and Transport.	2	11, 24, 25, 26, 27, 28, 190
II.	Modern economic development of the Empire and the most important Foreign Countries.	2	84, 86
III.	Elements of Commercial Law (treated from the commercial rather than the legal standpoint).	1	103, 104
IV.	Statistical Method ... ..	1	182, 183

The course of instruction extends over the second year of study and the lectures are repeated to suit the needs of both day and evening students.

**B.Com.—Day Time-Table for Second Year (Final).**

Day.	Time.	Short Title of Course.	No. of hrs.	Term in which held.	Lecturer.	Ref. No. in Calendar.
Mon.	12.0	Organisation of Industry ...	30	M.L.S.	{Mr. DALTON Mr. DRUMMONDSMITH}	24
	6.0	Organisation of Transport ...	19	L.S.	Mr. STEPHENSON ...	190
Tues.	10.45	Currency and Banking... ..	20	M.L.	Prof. FOXWELL ...	11
	10.45	Financing of Industry ... ..	9	S.	Mr. GREGORY ... ..	26
	12.0	Economic Development of the Empire ... ..	30	M.L.S.	Mr. JOYNT ... ..	86
Wed.	10.45	Statistical Method	30	M.L.S.	Prof. BOWLEY... ..	182
	12.0	Raw Materials of Industry and Trade ... ..	20	M.L.	{Prof. SARGENT Mr. L. R. JONES} ...	28
	12.0	Statistical Method (Class) ... ..	9	S.	Prof. BOWLEY ... ..	183
Thu.	10.45	Economic Position of the Great Powers. ... ..	30	M.L.S.	Dr. KNOWLES ... ..	84
	12.0	Elements of Commercial Law II.	15	L.S.	Prof. GUTTERIDGE ...	104
	12.0	Govt. Finance ...	10	M.	Mr. DALTON ... ..	25
	12.0	Wholesale Markets	4	L.	Mr. GREGORY ... ..	27
	6.0	Elements of Commercial Law I.	30	M.L.S.	Prof. GUTTERIDGE ...	103
Fri.						

N.B.—If the candidate is exercising his option to take his approved Modern Language with the first part of the Final, Language classes will have to be taken in addition to the above course. For details of Language classes, see pp. 84-85.

## B.Com.—Evening Time-Table for Second Year (Final).

Day.	Time.	Short Title of Course.	No. of hrs.	Term in which Held.	Lecturer.	Ref. No. in Calendar.
Mon.	6.0	Government Finance ... ..	10	M.	Mr. DALTON ... ..	25
	6.0	Organisation of Transport ... ..	19	L.S.	Mr. STEPHENSON ... ..	190
	7.15	Organisation of Industry ... ..	30	M.L.S.	{ Mr. DALTON Mr. DRUMMONDSMITH }	24
Tues.	6.0	Statistical Method	30	M.L.S.	Prof. BOWLEY ... ..	182
	7.15	Currency and Banking ... ..	20	M.L.	Prof. FOXWELL ... ..	11
	7.15	Statistical Method (Class) ... ..	9	S.	Prof. BOWLEY ... ..	183
Wed.	6.0	Economic Position of the Great Powers ... ..	30	M.L.S.	Dr. KNOWLES ... ..	84
	7.15	Economic Development of the Empire ... ..	30	M.S.L.	Mr. JOYNT ... ..	86
Thu.	6.0	Elements of Commercial Law I.	30	M.L.S.	Prof. GUTTERIDGE ..	103
	7.15	Financing of Industry ... ..	9	M.	Mr. GREGORY ... ..	26
	7.15	Wholesale Markets ... ..	4	L.	Mr. GREGORY ... ..	27
	7.15	Elements of Commercial Law II.	15	L.S.	Prof. GUTTERIDGE ...	104
Fri.						

N.B.—If the candidate is exercising his option to take his approved modern language with the first part of the Final, Language classes will have to be taken in addition to the above course. For details of language classes, see pp. 84-85.

Final, Part II.—The Groups of Subjects from which the candidate will select one are as follows:—

*Second year of the two years' Final Course.*

GROUP A.—BANKING AND FINANCE.—(Recommended for students who wish to take up Banking, Finance, etc.).

- An Approved Modern Foreign Language.—2 Papers and *vivá-voce*.
- Banking, including a general knowledge of the principal British and Foreign Systems and of Stock Exchange practice and the Foreign Exchanges.—2 Papers.
- Accounting and Business Organisation, Accounts of Traders at home and abroad, including Foreign Currencies and Accounts of Branches, the Organisation of Business Houses of various types.—2 Papers.  
*Or alternatively, a Second Approved Modern Foreign Language.—2 Papers and vivá-voce.*

GROUP B.—TRADE (i). (Recommended for students who wish to take up Colonial and General Trade, and in certain cases Distributing Trades.)

- An Approved Modern Foreign Language.—2 Papers and *vivá-voce*.
- The Trade of great World Divisions, including conditions of production and marketing of Commodities, Transport, Trade, Statistics, etc.—2 Papers.  
*Divisions:—Europe and either North and South America, or India and the Far East, or Africa and Australasia.*
- Economics of Transport (from the point of view of the Trader), including Sea Transport, Inland Transport (Rail, Motor, Waterway), and Insurance.—1 Paper.
- Accounting.—The Accounts of Traders at home and abroad, including Foreign Currencies and Accounts of Branches; *or alternatively* (for the Textile Trades), Constitution, Production and Manufacture of Materials (Silk, Wool, Cotton, Flax, etc.); *or alternatively* (for the Food Distributing Trades), the Constitution, Production and Manufacture of Food Stuffs.—1 Paper.

GROUP C.—TRADE (ii). (Recommended for those engaged in the Trade of a definite area (e.g., Brazil, India, China, Russia, Scandinavia).)

- The Chief Commercial Language of the Selected Area.—2 Papers and *vivá-voce*.
- Accounting.—The Accounts of Traders at home and abroad, including Currencies of Selected Area and Accounts of Branches.—1 Paper.
- The Commercial and Physical Geography (including the Climatology) of the Selected Area, with the Geographical Conditions of Markets and Transports.—1 Paper.
- The Commercial Methods, including the Trade of the Specific Area, Conditions of Production and Marketing of Commodities, Local Tariffs and Transport Conditions, Trade Statistics and Commercial Law.—2 Papers.

NOTE.—Candidates taking this Group should, *where practicable*, spend at least a year in the country where the language of the Selected Area is spoken.

GROUP D.—INDUSTRY. (Recommended for Students who wish to take up Engineering and Metal Trades, Distributing Trades (in certain instances), and generally for those engaged in Works and Factory Management.)

- An Approved Modern Foreign Language.—2 Papers and *vivá-voce*.
- Business Organisation and Scientific Management.—The Organisation of Business Houses, Works, and Factories; Administration, Production, Sales, Publicity, Statistics, Staff Selection and Management, Welfare Work and Staff Education, Business Psychology, Relations of Capital and Labour.—2 Papers.

- (c) Works and Factory Accounting, with special reference to Cost Accounts and Depreciation.—1 Paper.
- (d) Industrial Law.—The Law relating to Factories and Workshops, Workmen's Compensation, Trade Unions, Employer's Liability, Friendly Societies, National Insurance, Labour conditions.—1 Paper.

NOTE.—Candidates, other than those preparing for Journalistic, Editorial, and Publicity work, who take this Group are recommended to take one of the four Science Subjects as their Optional Subject at the Intermediate Examination.

GROUP E.—GENERAL TRANSPORT. (Recommended for students desiring a wide knowledge of Transport and its bearings.)

- (a) An Approved Modern Foreign Language.—2 Papers and *vivâ-voce*.
- (b) Transport, including Transport and Storage of Commodities of a perishable and special character, such as Fruit, Dairy Produce, Meat, Grain, Oil.—1 Paper.
- (c) Inland Transport, or alternatively, Sea Transport.—1 Paper.
- (d) Trade.—General movements of International Trade and the factors governing economical transportation.—1 Paper.
- (e) Accounting.—1 Paper.

NOTE.—Candidates taking this Group are recommended to take History as the Optional Subject at the Intermediate Examination.

GROUP F.—SHIPPING. (Recommended for students who wish to take up the Shipping Trade.)

- (a) An Approved Modern Foreign Language.—2 Papers and *vivâ-voce*.
- (b) Shipping.—Construction and capacity of Ships in relation to their work; Character and use of the Chief Shipping Documents; Charter Party; Bills of Lading; Insurance; The Merchant Shipping Acts; Passenger Law; The Economics of Transport, with special reference to Sea Transport (all treated with special reference to Commercial use and practice).—2 Papers.
- (c) Trade.—The Conditions of Production and Marketing of the more important commodities entering into Overseas Trade and the Traffic of the Great Ports of the World.—1 Paper.
- (d) Accounts of Traders at Home and Abroad, including Foreign Currencies and Accounts of Branches.—1 Paper.

OR, alternative to (c) and (d) at the option of the Candidate, an Approved Modern Foreign Language other than that taken under (a).—2 Papers and *vivâ-voce*.

GROUP G.—INLAND TRANSPORT. (Recommended for Students engaged in Railway undertakings.)

- (a) An Approved Modern Foreign Language.—2 Papers and *vivâ-voce*.
- (b) Economics of Inland Transport: (1) General, (2) Railway.—2 Papers.
- (c) Railway Law and the History of Inland Transport.—1 Paper.
- (d) Railway Cost Accounts and Railway Statistics.—1 Paper.

GROUP H.—PUBLIC UTILITIES. (Recommended for Students engaged in such undertakings as Gas, Electricity and Hydraulic Power, Water Supply and Irrigation).

- (a) An Approved Modern Foreign Language.—2 Papers and *vivâ-voce*.
- (b) The Constitution and Business Organisation of Public Services, and their general relationship to Industry, Trade and Transport.—2 Papers.
- (c) Accounting.—1 Paper.
- (d) The Law relating to Public Services.—1 Paper.

GROUP I.—COMMERCIAL ART. (Recommended for certain classes of students in the Distributing and other Trades.)

- (a) Design and Colour in relation to Material: Origins and Methods of Production by (i) Handwork, (ii) Machinery.—1 Paper.
- History and Principles of Design in relation to an approved Industry.—1 Paper.
- (b) Advertising and Presentation: Psychology of Appeal and Method of Presentation.—1 Paper.
- Copy Writing.—1 Paper.
- Printing Processes—Letterpress—Black and White—Colour.—1 Paper.
- Lettering and Illustration—Their History and use in Practice.—1 Paper.

The Time Table for Part II. is in course of Preparation.

FEES FOR B. COM. :—

Composition Fee (including Lectures, Classes, etc., and full Student Union privileges).

Session: Day ... £22 1 0 Term: Day ... £8 8 0  
 ,, Evening £14 14 0 ,, Evening £5 15 6

Foreign Students' Tutorial Classes (if required) :—

Session ... .. £10 10 0 Term ... .. £4 4 0

Examination Fee :—

Intermediate ... £6 6 0 Final ... .. £6 6 0

This fee covers all the Subjects (including modern languages) for the Intermediate Examination, except the Optional Science Subjects—Chemistry, Physics, Geology, Botany and Applied Mathematics. Students selecting any of these five subjects pay a reduced Composition Fee (£17 17s., day; £11 11s., evening), together with the Special Fee required for the Subject selected. An evening Student spreading his course over two or more sessions will be required to pay a further fee of £3 3s. for each additional Session.

Students taking Arabic, Persian, Turkish, Malay and Chinese, must give two calendar months' notice before the beginning of the examination, and pay a special fee of Five Guineas in addition to the ordinary fee.

ADVISERS OF STUDIES :—

Intermediate: Mr. JOYNT and Mr. DRUMMOND SMITH.

Final: Mr. DALTON and Mr. GREGORY.

(Each Student will be assigned to one or other of the above.)

UNIVERSITY REGULATIONS :—Full details of the regulations governing the degree are given in a pamphlet entitled, "Regulations for Degrees in Commerce for Internal Students," which may be obtained at the School, or from the Academic Registrar, University of London, South Kensington, S.W.7.

3.—THE DEGREE OF BACHELOR OF LAWS.—LL.B.

The School co-operates with King's College and University College in providing complete Pass and Honours courses for the degree of LL.B., and students registered at the School have access to all the necessary lectures wherever given.

The degree is taken in two parts :—

1. The Intermediate, which is normally taken at the end of the first year of study and is a pass examination only.
2. The Final, which is normally taken at the end of the third year of study.

1. The Intermediate.

This examination is held once a year commencing on the fourth Monday in September. The subjects of Examination are :—

No. of Subject.	Subject.	No. of Papers.	Ref. No. of Course in Calendar covering Subject of Examination.
I	History of Roman Law to the time of Justinian with Gaius and Justinian's Institutes.	2	
II	*English Constitutional Law and its History.	2	105
III	Jurisprudence, Analytical and Historical	1	—

\* Students who have passed the B.Sc. (Econ.) Examination as Internal Students, with Constitutional Law and its History as an optional subject, will be exempt this subject.

LL.B.—Time-table for First Year (Intermediate).

Day.	Time.	Short Title of Course.	Term in which held.	Lecturer.	College in which held.	Ref. No. of Course in Calendar covering subject of Examination.
Mon.	6.15-8.15*	Constitutional Law I.	M.L.S.	Dr. BELLOT	School	105
Tues.	6-7†	Roman Law	M.L.S.	Prof. MURISON	Univ. College	—
Thurs.	6-7	Roman Law	M.L.S.	Prof. MURISON	Univ. College	—
Thurs.	7-8.30	Jurisprudence	M.L.S.	Dr. HEBBERT	King's	—

\* An additional hour in the third term will be arranged.

† Additional course for Seminar exercises will be arranged.

2. The Final.

In the final there is a Pass and an Honours Examination.

(a) Candidates for a pass must take one of the following groups from the subjects I. to XV.

- A. I., II., III., V., and one of VI. to XV.
- B. I., II., IV., V., and one of VI. to XV.
- C. I., II., III., XII., or XV., and one of VI. to XI.
- D. I., II., IV., XII., or XV., and one of VI. to XI.

(b) Candidates for honours must satisfy the examiners in the pass examination and take in addition and on the same occasion an advanced paper in each of four subjects which he will select from the subjects I. to XV. below.

The subjects for examination are :—

No. of Subject.	Subject.	No. of papers.	No. of Course in Calendar covering Subject of Examination.
I	English Law of Contract and Tort ... ..	1	—
II	The Origin, History, and General Principles of English Equity Jurisprudence, Trusts (public and private), Bankruptcy (excluding Bankruptcy practice), Administration of Assets, Mortgages and Charges on Property, Partnership, Companies, (excluding Winding-up practice) Injunctions, and Specific Performance	1	101, 102
III	Principles of the English Law of Evidence, Elements of English Criminal Law and of Civil and Criminal Procedure ... ..	1	—
IV	The Indian Evidence Act, the Indian Penal Code, and the Indian Code of Criminal Procedure...	1	—
V	English Law of Real and Personal Property ...	1	—
VI	History of English Law ... ..	1	109
VII	Constitutional Law of the British Empire...	1	108
VIII	Comparative Jurisprudence ... ..	1	—
IX	A portion of the Digest to be prescribed from time to time, with such points of the History of Roman Law as arise therefrom, including particularly the History of the Composition of the Digest and the Lives of the Jurists cited or mentioned in the portion prescribed ...	1	—
X	Public International Law ... ..	1	110, 111
XI	Private International Law ... ..	1	—
XII	Roman Dutch Law ... ..	1	—
XIII	Mahomedan Law ... ..	1	—
XIV	Hindu Law ... ..	1	—
XV	Code Napoleon ... ..	1	—

## LL.B. Time Table, Second Year (Final).

Day.	Time.	Short Title of Course.	Term when held.	Lecturer.	College where held.
Mon.	5.30-7.30	Law of Real and Personal Property	M.L.S.	Mr. MACKAY ...	King's.
Tues.	1st Term 6.15-7.15 L. and S.T. 6-8	Equity, including Trusts, Mortgages, Administration of Assets, Injunction, and Specific Performance, etc.	M.L.S.	Mr. HURST ...	University College.
	2-3	Indian Evidence Act, Indian Penal Code, Indian Code of Criminal Procedure	M.L.S.	Mr. SABONADIÈRE	Univ. Coll. or School of Oriental Studies.
	4-5	Roman Dutch Law	M.L.S.	Prof. MURISON...	Univ. Coll.
Wed.	6-7	Criminal Law and Procedure	L.S.	Mr. PAGE ...	King's.
Thur.	2-3	Indian Evidence Act	M.L.S.	Mr. SABONADIÈRE	Univ. Coll. or School of Oriental Studies.
Fri.	6-7.30	Elements of Contract and Tort	M.L.S.	Mr. GRIFFITH...	King's.

## LL.B. Time Table for Third Year (Final).

Day.	Time.	Short Title of Course.	Term when held.	Lecturer.	College where held.	Ref.No. of C'rse in Cal. covering subject of Exam.
Mon.	3.30-5.30	International Law (Peace)	M.L.S.	Dr. PEARCE HIGGINS	School.	111
	6-8	Bankruptcy, Partnership, Companies, & certain aspects of Mercantile Contracts	M.L.S.	Prof. GUTTERIDGE Mr. PAGE ...	„	102
Tues.	10.30-11.30	Mohammedan and Hindoo Law	M.L.S.	Mr. SABONADIÈRE	Univ. Coll. or Sch. of Oriental Studies.	—
	7-8	Civil Procedure ...	M.	Mr. HURST ...	University College.	—
	7-8	Roman Law ...	L.	Prof. MURISON		—
Wed.	6.15-7.15	English Law. — Special Subjects	L.	Mr. HURST ...	Univ. Coll.	—
Thur.	10.30-11.30	Mohammedan and Hindoo Law	M.L.S.	Mr. SABONADIÈRE	Univ. Coll. or Sch. of Oriental Studies.	—
	6-7	Law of Evidence...	S.	Dr. HIBBERT ...	King's.	—
	6-7	Private Internatnl. Law	M.L.	Dr. HIBBERT ...	„	—
	6.15-7.15	Colonial Constitutional Law	M.L.	Dr. BELLOT ...	Univ. Coll.	—
	7.15-8.15	History of English Law	S.	Dr. BELLOT ...	„	—
	7-8	Roman Law ...	L.	Prof. MURISON	King's	—
Fri.	5.30-6.30	History of Law of Real Property	M.	Mr. MACKAY ...	King's.	—
	6-8	Mercantile Contract	L.S.	Prof. GUTTERIDGE	School.	101
	7-9	International Law (War)	M.L.S.	Dr. PEARCE HIGGINS	School.	110

N.B.—Particulars of the Course on Comparative Jurisprudence to be given at University College will be announced later.

## FEES for LL.B.:—

Composition Fee (admitting to intercollegiate courses held at the School and at University and King's Colleges, and including full Student Union privileges at the School).

Session ... £18 18 0 Term ... £7 7 0

## Examination Fee:—

Intermediate... £6 6 0 Final ... £6 6 0

## ADVISER OF STUDIES:—

Professor GUTTERIDGE.

UNIVERSITY REGULATIONS:—Full details of the regulations governing the degree are given in a pamphlet entitled, "Regulations in the Faculty of Laws for Internal Students," which may be obtained at the School, or from The Academic Registrar, University of London, South Kensington, S.W.7.

## 4.—THE DEGREE OF BACHELOR OF ARTS (B.A.).

The School provides a number of courses in the subjects prescribed for this degree.

For the Intermediate Examination there are the following courses:—

History ... No. 80.  
Geography ... No. 61.

In the Final (Pass) Examination four subjects must be chosen from a prescribed list which includes Geography, Economics and Anthropology. The School provides courses in these subjects as follows:—

Geography ... Nos. 63, 64, 65, 66, 68, 70, 71, 72.  
Economics ... Nos. 10, 20, 42, 82 and 83.  
Cultural Anthropology Nos. 50-53 (inclusive), 174, 175.

In the Final (Honours) Examination, Honours may be taken in, among others, the following groups—Geography, History and Sociology. The School provides courses in each of these groups, as follows:—

Geography ... Nos. 65, 66, 68, 70, 71, 72.  
History ... Nos. 81, 83, 84, 85, 87, 88, 144, 148.  
Sociology ... Nos. 170-176 (inclusive).

## 5.—THE DEGREE OF BACHELOR OF SCIENCE (FACULTY OF SCIENCE)—B.Sc.

For students in the Faculty of Science proceeding to the degree of B.Sc. the School provides the following approved courses:—

Cultural Anthropology ... Nos. 50-53 (inclusive), 174, 175.

Household Science.

First Year ... Nos. 81 and 83.

Second Year ... No. 40.

## IV.—HIGHER DEGREES.

The following Higher Degrees are open to Research Students at the School.

The table below is a summary of requirements for the various Higher Degrees for Internal Students, and affords general information only with regard to the following points:—

Column A. Degrees for which Students may be registered under Statutes 113 and 129, or directly from a lower degree.

Column B. Examinations and other qualifications for entry for Higher Degrees.

Column C. Nature of the Examination for the Higher Degree.

Column D. Number of years of minimum period of study.

Column E. Dates of Examinations for Higher Degrees.

A.	B.	C.	D.	E.
Higher Degrees.	Examinations and other qualifications for entry to Examinations for Higher Degree. [Months in which Examinations begin shown in square brackets]	Nature of Examination for the Higher Degree.	No. of years of Minimum Period of Study in the University of London.	Dates of Examination for Higher Degree.
M.A. (Master of Arts). <i>Philosophy.</i>	(1) An Exam. of Intermediate standard in Logic unless specially exempted [July or in some cases Oct.]. (2) B.A. Hons. Exam. in Philosophy unless specially exempted [Oct.].	(1) Thesis. (2) Written Exam. (3) <i>Viva voce</i> Exam. especially on subject of Thesis.	Two.	June and December.

A.	B.	C.	D.	E.
Higher Degrees.	Examinations and other qualifications for entry to Examinations for Higher Degree. [Months in which Examinations begin shown in square brackets.]	Nature of Examination for the Higher Degree.	No. of years of <i>Minimum</i> Period of Study in the University of London.	Dates of Examination for Higher Degree.
M.A. (Master of Arts). <i>History</i> .	Six B.A. Hons. papers [Oct] (First or Second Class must be obtained.) Candidates who have obtained First or Second Class Hons. in History School of a University approved for the purpose may be exempted from this requirement.	(1) Thesis. (2) Written Exam. (3) <i>Viva voce</i> Exam. especially on subject of Thesis.	Two.	June and December.
D.Litt. (Doctor of Literature).	M.A. Degree unless specially excused. The M.A. Exam. is excused in exceptional cases only (see Regulations section 6 (e), p. 37 of this document).	(1) Published or unpublished work in one or more of the Branches of the Faculty of Arts (2) Candidate may be tested orally on the subject of the work submitted by him for the Degree.	Two [But see <i>Note</i> in column E].	At any time of the Session when qualified to enter for the Exam. <i>Note</i> . — Candidate must be 30 years of age or have passed the M.A. Exam. or the Exam. in respect of which he is exempted from the M.A. Exam. 5 years previously.
LL.D. (Doctor of Laws).	LL.B. Honours Exam. unless specially exempted [Sept.].	(1) Thesis. (2) Candidate may be tested orally or by printed papers or by both these methods with reference both to the special subject selected by him and to the Thesis.	Two.	At any time in Session when qualified to enter for the Exam.
M.Sc. (Master of Science). <i>Anthropology</i> .	No Honours qualifying Exam.	(1) Thesis. (2) Candidates may be tested orally with reference both to the special subject selected by him and to the Thesis.	Two.	June and December.

A.	B.	C.	D.	E.
Higher Degrees.	Examinations and other qualifications for entry to Examinations for Higher Degree. [Months in which Examinations begin shown in square brackets.]	Nature of Examination for the Higher Degree.	No. of years of <i>Minimum</i> Period of Study in the University of London.	Dates of Examination for Higher Degree.
D.Sc. (Doctor of Science).	M.Sc. Degree unless specially exempted on ground that the student has already done work of the character and standard that may reasonably be expected of candidates for the M.Sc. Degree. As a rule the Senate will only grant exemption on the ground of published work; but the Senate may in special cases take into consideration unpublished work.	(1) Thesis. (2) Candidate may be tested orally or practically or by printed papers or by all these methods with reference both to the special subject selected by him and to the Thesis. (3) The candidate may be required to submit within a given period a reasoned Report on a subject prescribed by the Examiners.	Two.†	At any time in the Session when qualified to enter.
M.Sc. (Master of Science in Economics).	No Honours qualifying Exam.	(1) Thesis. (2) Candidate may be tested orally with reference both to the special subject selected by him and to the Thesis.	Two	June and December.

† Except with special permission a student will not be admitted as candidate for the D.Sc. or D.Sc. (Econ.) Degrees until after the expiration of four years from the date at which he obtained the Degree or other qualification enabling him to be registered under Statute 113.

Details of the requirements for the various higher degrees for Internal Students will be found in Regulations for Internal Students in the various Faculties, copies of which will be forwarded on application to the Academic Registrar, University of London, South Kensington, S.W.7.

A. Higher Degrees.	B. Examinations and other qualifications for entry to Examinations for Higher Degree. [Months in which Examinations begin shown in square brackets.]	C. Nature of Examination for the Higher Degree.	D. No. of years of <i>Minimum</i> Period of Study in the University of London.	E. Dates of Examination for Higher Degree.
D.Sc. (Doctor of Science in Economics).	M.Sc. Degree unless specially exempted on the ground that the student has done work of the character and standard that may reasonably be expected of candidates for the M.Sc. (Econ.) Degree. As a rule such special exemption will only be granted on the ground of published work.	(1) Thesis. (2) Candidate may be tested orally or practically or by printed papers or by all these methods with reference both to the special subject selected by him and to the Thesis. (3) The candidate may be required to submit within a given period a reasoned Report on a subject prescribed by the Examiners.	Two†	At any time in the Session when qualified to enter for the Exam.
Ph. D. (Doctor of Philosophy).	No Honours qualifying Exam.	(1) Thesis. (2) Candidate will be examined orally and at discretion of Examiners by written questions on the subject of his Thesis. (3) Orally, and/or by written questions on such subjects relevant to his research as have been communicated to him by the University.	Two	At any time in the Session when qualified to enter for the Exam.

† Except with special permission a student will not be admitted as candidate for the D.Sc. or D.Sc. (Econ.) Degrees until after the expiration of four years from the date at which he obtained the Degree or other qualification enabling him to be registered under Statute 113.

N.B.—Details of the requirements for the various higher degrees for Internal Students will be found in Regulations for Internal Students in the various Faculties, copies of which will be forwarded on application to the Academic Registrar, University of London, South Kensington, S.W.7.

### I.—THE DEGREE OF MASTER OF SCIENCE IN ECONOMICS [M.Sc. (ECON.)].

The M.Sc. (Economics) Examination will take place twice in each year, in December and June. For regulations as to date of entry see below.

Except as provided below, no person shall be admitted as a Candidate for the Degree of M.Sc. (Economics) as an Internal Student until after the expiration of One Calendar Year from the time of his taking the B.Sc. (Economics) Degree in this University as an Internal Student; nor in the case of a Student registered as an Internal Student under Statutes 113 and 129, until he has completed a course of higher study in accordance with the regulations adopted by the Senate under these Statutes (see University Red Book).

A Student registered under Statute 113 or 129 will be required to send to the University with his Form of Entry for the M.Sc. (Economics) Examination a Certificate of having completed the Course of Study prescribed by the Senate in his case.

A Student who, having passed the External Intermediate Examination, is admitted as an Internal Student to the Final B.Sc. (Economics) Examination after pursuing a two years' Course of Study and passes that Examination, may submit as his third year's Course of Study for the B.Sc. (Economics) Degree a Course for the M.Sc. (Economics) Degree in accordance with Section 19 of the General Regulations as to Approved Courses of Study. If at the end of the third year's Course of Study he obtains the B.Sc. (Economics) Degree, he will, provided that he has otherwise complied with the Regulations, be permitted to present himself for the M.Sc. (Economics) Examination, but the Degree of M.Sc. (Economics) will not be conferred on him until after the lapse of one year from the date of his obtaining the B.Sc. (Economics) Degree.

Every Candidate entering for this Examination must apply to the Academic Registrar for a Form of Entry, which must be returned duly filled up, together with the proper fee, not later than October 1st for the December Examination and March 15th for the June Examination.

Every Candidate for the Degree of M.Sc. (Economics) must at each entry pay a fee of 10 guineas to the Academic Registrar.

All cheques should be made payable to the University of London or Bearer, and crossed "London County and Westminster and Parr's Bank, Ltd., Brompton Square, S.W. 1., University of London Account."

Every Candidate for the M.Sc. (Economics) Degree shall upon the above-mentioned Form of Entry state in writing the special subject



within the purview of the Faculty of Economics and Political Science upon a knowledge of which he rests his qualification for the Degree of M.Sc. (Economics). Not later than December 1st for the December Examination and May 15th for the June Examination the Candidate shall transmit a Dissertation or Thesis\* printed, typewritten, or published in his own name, treating scientifically some special portion of the subject so stated. The Candidate must indicate how far the Thesis embodies the result of his own research or observation, and in what respects his investigations appear to him to advance scientific knowledge.†

Conjoint work may be submitted as a Thesis for the M.Sc. Degree, provided that the Student shall furnish a statement showing clearly his share in the conjoint work, and further provided that such statement shall be countersigned by his coadjutor.

The Candidate is also invited to submit in support of his candidature any printed contribution or contributions to the advancement of science which he may have published independently or conjointly.

The Thesis shall be either a record of original work or an ordered and critical exposition of existing data with regard to a particular subject.

A Candidate will not be permitted to submit as his Thesis a Thesis for which a Degree has been conferred on him in this or in any other University, but a Candidate shall not be precluded from incorporating work which he has already submitted for a Degree in this or in any other University in a Thesis covering a wider field, provided that he shall indicate on his Entry Form and also on his Thesis any work which has been so incorporated.

After the Examiners have read the Thesis the Candidate may be required to present himself at such a place in the University as the Examiners may direct, upon such day or days as may be notified to him, to be further tested orally, at the discretion of the Examiners, with reference both to the special subject selected by him and to the Thesis, but it shall be within the discretion of the Examiners to reject the Candidate without such further test; or in case the Examiners shall, upon examination of the Thesis and of the other contribution or contributions to the advancement of Science submitted by the Candidate, hold the same to be generally or specifically of such

\* The Candidate must furnish not less than four copies of the Thesis or published work submitted to the Examiners. (But *see* Special War Regulations No. 16.) No Candidate will be permitted to publish his Thesis as a Thesis approved for the M.Sc. (Economics) Degree without the special permission of the University. Applications for such permission must be made after the Degree of Master of Science (Economics) has been granted. Any Thesis in respect of which such permission has been granted shall bear the following inscription on the title page:— "Thesis approved for the Degree of Master of Science (Economics) in the University of London."

† It is not expected that Candidates will usually be in a position to submit Theses or Dissertations of a sufficiently high standard of merit within one year from the date of their passing the B.Sc. (Economics) Examination unless they have devoted the whole of their time to study for the M.Sc. (Economics) Degree.

special excellence as to justify the exemption of the Candidate from any further test, he may be so exempted, provided that the Report of the Examiners shall set forth the fact and the grounds of such exemption.

If a Dissertation or Thesis submitted by a Candidate for the M.Sc. (Economics) Degree, though inadequate, shall seem of sufficient merit to justify such Recommendation, the Examiners shall be empowered to recommend the Senate to permit the Candidate in question to re-present his Dissertation or Thesis in a revised form at the next or any subsequent examination; and the Fee on re-entry, if the Senate adopt such Recommendation, shall be half the Fee originally paid.

A Diploma for the M.Sc. (Economics) Degree under the Seal of the University and signed by the Chancellor shall be delivered to each Candidate who has passed, after the Report of the Examiners shall have been approved by the Senate.

## 2.—THE DEGREE OF DOCTOR OF SCIENCE IN ECONOMICS [D.Sc. (ECON.)].

A Candidate for the Degree of D.Sc. (Economics) must have previously obtained the Degree of B.Sc. (Economics) or have been registered as a Candidate for the Degree of D.Sc. (Economics) under the terms of Statute 113 or 129; and must further have obtained the Degree of M.Sc. (Economics) unless specially\* exempted by the Senate on the ground that he has already done work of the character and standard that may reasonably be expected of Candidates for the M.Sc. (Economics) Degree. As a rule the Senate will only grant such special exemption on the ground of published work.

[For Candidates who present their Theses in and after the Session 1919-20:—

Except with the special permission of the Senate on the recommendation of the Board of Studies in Economics, no person shall be admitted as a Candidate for the Degree of D.Sc. (Economics) until the expiration of four years from the date of his taking the B.Sc. (Economics) Degree in this University, as an Internal Student; provided that, in the case of a Student registered under Statute 113 or 129, except with the special permission of the Senate on the recommendation of the Board of Studies in Economics, such Student shall not be admitted as a Candidate for the Degree of D.Sc. (Economics) until after the expiration of four years from the date at which he obtained the Degree or other qualification enabling him to be registered under the Statute.]

A Student registered under Statute 113 or 129 will be required to send to the University, together with his Form of Entry for the D.Sc.

\* Such special permission shall not be required in the case of Candidates who entered for the D.Sc. (Economics) Degree in or before 1918.

(Economics) Examination, a Certificate of having completed the Course of Study prescribed by the Senate in his case.

Every Candidate must apply to the Academic Registrar for a Form of Entry, which must be returned accompanied by the Dissertation or Thesis and the proper Fee.\*

Candidates for the D.Sc. Degree who have paid a Fee of 10 guineas in respect of the M.Sc. Degree, must pay at each entry a Fee of 10 guineas to the Academic Registrar; all other Candidates for the D.Sc. Degree must pay at each entry a Fee of 20 guineas to the Academic Registrar except as provided below.

All cheques should be made payable to the University of London or Bearer, and crossed "London County, Westminster and Parr's Bank, Ltd., Brompton Square, S.W.1, University of London Account."

Every Candidate for the Degree of D.Sc. (Economics) shall upon the above-mentioned Form of Entry state in writing the special subject within the purview of the Faculty of Economics and Political Science upon a knowledge of which he rests his qualification for the Doctorate. Together with the Form of Entry, he shall transmit a Dissertation or Thesis,† printed, typewritten, or published in his own name, treating scientifically some special portion of the subject so stated. The Candidate must indicate how far the Thesis embodies the result of his own research or observation, and in what respects his investigations appear to him to advance scientific knowledge. Work done conjointly with other investigators will not be accepted as a Thesis qualifying for the Doctorate; but the Candidate is invited to submit as subsidiary matter in support of his candidature any printed contribution or contributions to the advancement of Science which he may have published independently or conjointly. In the event of a Candidate submitting conjoint work in support of his candidature he will be required to state fully his own share in such conjoint work.

A Candidate will not be permitted to submit as his Thesis a Thesis for which a Degree has been conferred on him in this or any other University, but a candidate shall not be precluded from incorporating work which he has already submitted for a Degree in this or any other University in a Thesis covering a wider field, provided that he shall indicate on his Form of Entry and also on his Thesis any work which has been so incorporated.

After the Examiners have read the Thesis the Candidate may be required to present himself at such place in the University as the Examiners may direct, upon such day or days as may be notified to

\* In view of the Long Vacation which extends from the end of June until October, Candidates are warned that if they submit their Theses later than May 1st they run the risk of considerable delay in the decision as to the result.

† The Candidate must furnish not less than four copies of the Thesis or published work submitted to the Examiners. (But see Special War Regulations No. 16.) Any Thesis approved by the University for this Degree and subsequently published must bear the following inscription on the title-page:—"Thesis approved for the Degree of Doctor of Science (Economics) in the University of London."

him, to be further tested either orally or practically or by printed papers, or by all these methods, at the discretion of the Examiners, with reference both to the special subject selected by him and to the Thesis, and the Candidate may be required by the Examiners to submit within a given period a reasoned report on a subject prescribed by them; but it shall be within the discretion of the Examiners to reject the Candidate without such further test; or in case the Examiners shall, upon examination of the Dissertation or Thesis and of the other contribution or contributions to the advancement of Science submitted by the Candidate, hold the same to be generally or specifically of such special excellence as to justify the exemption of the Candidate from any further test, he may be so exempted, provided that the Report of the Examiners shall set forth the fact and the grounds of such exemption.

A Candidate for the D.Sc. (Economics) Degree who has been approved by the Examiners shall be required to publish his Thesis as a whole or such portion or epitome thereof as the Examiners shall approve, and the Degree shall not be conferred until four copies of the published work as approved by the Examiners have been received by the Senate. [Note.—The Senate are willing to consider a request that the requirement to publish a Thesis for a D.Sc. Degree shall be waived in any case where a Candidate is able to show that the non-publication of the Thesis is due to War conditions.]

If a Dissertation or Thesis submitted by a Candidate for the D.Sc. (Economics) Degree, though inadequate, shall seem of sufficient merit to justify such Recommendation, the Examiners shall be empowered to recommend the Senate to permit the Candidate in question to re-present his Dissertation or Thesis in a revised form after six months and within one calendar year from the decision of the Senate with regard thereto; and the Fee on re-entry, if the Senate adopt such Recommendation, shall be half the Fee originally paid.

Any Dissertation or Thesis submitted for the D.Sc. (Economics) Degree must be satisfactory as regards literary presentation, as well as in other respects, and, if not already published in an approved form, must be submitted in a form suitable for publication.

The Examiners shall report to the Senate upon each case separately. Each such report shall state (a) the Subject of Dissertation or Thesis submitted by the Candidate; (b) a list of his other original contributions (if any) to the advancement of Science; (c) a concise statement of the grounds upon which he is recommended by the Examiners for the Degree.

A Diploma under the Seal of the University and signed by the Chancellor shall be delivered to each Candidate who has passed, after the Report of the Examiners shall have been approved by the Senate.

**REGULATIONS FOR THE DEGREE OF PH.D.  
for Internal Students in the Faculties of  
Arts, Science, and Economics.**

REGULATIONS.

1. A Candidate for the degree of Ph.D. must
  - (1) have previously graduated in the Faculty of Theology, Arts, Science, or Economics as an Internal Student, or
  - (2) have been registered as a Candidate for the degree of Ph.D. under the terms of Statute 113 or Statute 129, and must comply with the following requirements :—
    - Every Candidate must pursue as an Internal student
      - (a) a Course of Study of not less than two years of full-time\* training in research and research methods, or
      - (b) a Course of Study of not less than four years in the case of students pursuing their studies mainly in the evening, or whose time in the day is partially devoted to work other than that for the degree.†
2. The course is to be pursued continuously except by special permission of the Senate.
3. Before entering upon such Course the Candidate must
  - (i) produce evidence satisfactory to the University of the standard he has already attained and of his ability to profit by the course. If the evidence first submitted is not satisfactory, the Candidate may be required to undergo such examination as may be prescribed by the University.
  - (ii) produce a Certificate from the Governing Body of a College or School of the University, or from a Teacher or Teachers of the University, stating that the Candidate is, in their opinion, a fit person to undertake a course of study or research with a view to the degree he has selected, and that the College, School or Teacher is willing to undertake the responsibility of supervising the work of the Candidate, and of reporting to the Senate at the end of each University Session during the Course of Study, whether the Candidate is *bona fide* pursuing a course of study in the College, School or other Institution suitable as a preparation for the degree. In the case of applications received from Overseas, the Academic Registrar will, if possible, obtain for the applicant the certificate in question.
4. The Student must also—
  - (a) submit to the University through the Authorities of the College or School where he is pursuing his Course of Study, or, in the case of an Institution other than a College or School, through the Teacher of the University authorised by the University to supervise his work, before the end of each Session, a Report setting forth the details of his work.
  - (b) submit to the University for approval the subject of his Thesis not less than one Calendar year before the date when he proposes to present his Thesis for examination. (See also for further requirements in regard to the Thesis, under the heading "Details of Examination," below.)
5. The University will at the time of the approval of the subject of a Thesis
  - (a) specify the subjects relevant thereto in which the Candidate will be examined and
  - (b) inform the Candidate of the Faculty within whose purview the Thesis will be deemed to fall. After the subject of the Thesis has been approved it may not be changed except with the permission of the University.

\* The expression "two years" in these Regulations will be interpreted in the case of students registering for the Ph.D. Degree in October as the period from the beginning of that month to the June in the second year following. In other cases it will be interpreted as two calendar years.

† In the event of the Student having other occupations, the University must be informed of their precise nature, and in view of such other occupations, the University may require an extension of the normal period prescribed.

6. The Student whilst pursuing his course of study as an Internal Student must reside within the 30 miles radius from the University Buildings, South Kensington, or must attend for study in a College, School or Institution during the ordinary terms not less often than three times a week.

7. If the material for the work of a Student exists elsewhere, the Student may under proper conditions be allowed leave of absence from London, if such absence do not exceed two terms out of the total of six.

8. The Student shall during his Course of Study pay a fee to the College, School or Institution in which he is working.

9. Students in the Faculties of Theology, Arts, or Economics must work in the Library of the College, School, or Institution to which they are attached, or in some other approved Library in London; and must be members of the Seminar or Conference Class (if any) of such College, School or Institution in the subject in which they are working.

10. Students admitted as Candidates for the Ph.D. Degree, after having studied to the satisfaction of the Authorities of the College or School, or, in the case of an Institution other than a College or School, of the Recognised Teacher or Teachers concerned, for the period prescribed by the University under the foregoing Regulations, shall be exempted from the requirements as to attendance set forth above, and may be admitted at any time subsequently to the Examination for the degree, provided that (i.) they shall, during the interval, present Reports annually, not later than the end of each Session, from the authorities of the College or School or from the Recognised Teacher or Teachers of an Institution other than a College or School concerned, and that (ii.) they shall pay a fee of two guineas per annum to the Authorities of such College, School or Institution.

11. *Fee for Examination.* Candidates for the Ph.D. Degree who have paid a fee of 10 guineas in respect of the M.A. or M.Sc. Degree must pay at each entry a fee of 10 guineas to the Academic Registrar: all other candidates for the Ph.D. Degree must pay at each entry a fee of 20 guineas to the Academic Registrar, except as provided below.

12. All cheques should be made payable to the University of London or Bearer, and crossed "London County and Westminster and Parr's Bank, Ltd., Brompton Square, S.W.1. University of London Account."

13. *Details of Examination.* Every Candidate must apply to the Academic Registrar for a form of entry, which must be returned accompanied by the Thesis and the proper Fee\* and a certificate of having completed the Course of Study prescribed by the Senate in his case.

14. Together with the form of entry the Candidate shall transmit his Thesis† printed, type-written, or published in his own name. The Candidate must indicate how far the Thesis embodies the result of his own research or observation, and in what respects his investigations appear to him to advance the study of his subject.

15. A Candidate will not be permitted to submit as his Thesis a Thesis for which a Degree has been conferred on him in this or in any other University, but a Candidate shall not be precluded from incorporating work which he has already

\* In view of the Long Vacation, which extends from the end of June until October, Candidates are warned that if they submit their entry form and fee later than May 1st they run the risk of considerable delay in the decision as to the result. A student whose course of study is not completed until the month of June will be permitted to submit his entry form and fee on May 1st and his Thesis between June 1st and June 5th.

† The Candidate must furnish not less than four copies of the Thesis or published work submitted to the Examiners. Any Thesis approved by the University for this Degree and subsequently published must bear the following inscription on the title-page—"Thesis approved for the Degree of Doctor of Philosophy in the University of London"

submitted for a Degree in this or in any other University in a Thesis covering a wider field, provided that he shall indicate on his form of entry and also on his Thesis any work which has been so incorporated.

16. The Thesis must comply with the following conditions:—

(a) The greater portion of the work submitted therein must have been done subsequently to the registration of the student as a Candidate for the Ph.D. Degree.

(b) It must form a distinct contribution to the knowledge of the subject and afford evidence of originality, shown either by the discovery of new facts or by the exercise of independent critical power.

(c) It must be satisfactory as regards literary presentation, and, if not already published in an approved form, be submitted in a form suitable for publication.

17. The Degree will not be conferred upon a Candidate unless the Examiners certify that the publication of the Thesis is desirable.

18. Work done conjointly with other investigators will not be accepted as a Thesis qualifying for the degree; but the Candidate is invited to submit as subsidiary matter in support of his candidature any printed contribution or contributions to the advancement of his subject which he may have published independently or conjointly. In the event of a Candidate submitting conjoint work in support of his candidature he will be required to state fully his own share in such conjoint work.

19. After the Examiners have read the Thesis, they may, if they think fit, recommend that the Candidate be rejected without further test; if they do not make such recommendation they shall examine the Candidate:—

(1) orally, and, if they see fit, by written questions, on the subject of his Thesis, and also

(2) orally, or by written questions, or by both methods, upon the subjects relevant to his research which have been specified by the University and previously communicated to the Candidate in accordance with the foregoing Regulation.

20. For the purpose of such examination the Candidate will be required to present himself at such place in the University as the University may direct and upon such day or days as shall be notified to him.

21. If a Thesis submitted by a Candidate for the Ph.D. Degree, though inadequate, shall seem of sufficient merit to justify such recommendation, the Examiners shall, after they have examined the Candidate as prescribed above, be empowered to recommend the Senate to permit the Candidate in question to represent his Thesis in a revised form after six months and within one calendar year from the decision of the Senate with regard thereto; and the fee on re-entry, if the Senate adopt such Recommendation, shall be half the fee originally paid.

22. The Examiners shall report to the Senate upon each case separately. Each such Report shall state (a) the subject of the Thesis submitted by the Candidate; (b) a list of his other original contributions (if any) to the advancement of his subject; (c) a concise statement of the grounds upon which he is recommended by the Examiners for the Degree.

23. A Diploma under the Seal of the University and signed by the Chancellor shall be delivered to each Candidate who has passed, after the Report of the Examiners shall have been approved by the Senate.

24. The copies of all successful Theses, whether published or not, will be deposited for reference in the University Library.

Full information regarding the regulations governing the various Higher Degrees will be found in the following pamphlets which may be obtained, on application, from the Academic Registrar, London University, South Kensington, S.W.7:—

Master of Arts—M.A. ... ..	Regulations in the Faculty of Arts for Internal Students.
Doctor of Literature—D.Lit. ... ..	Regulations in the Faculty of Arts for Internal Students.
Doctor of Laws—LL.D. ... ..	Regulations in the Faculty of Laws for Internal Students.
Master of Science—M.Sc. ... ..	Regulations in the Faculty of Science for Internal Students.
Doctor of Science—D.Sc. ... ..	Regulations in the Faculty of Science for Internal Students.
Master of Science—M.Sc. (Econ.) ... ..	Regulations in the Faculty of Economics for Internal Students.
Doctor of Science—D.Sc. (Econ.) ... ..	Regulations in the Faculty of Economics for Internal Students.
Doctor of Philosophy—Ph.D. ... ..	Regulations for the Degree of Ph.D. for Internal Students.
Doctor of Arts, Science and Economics	Regulations for the Degree of Ph.D. for Internal Students.

### V.—DIPLOMAS.

The University grants the following Diplomas for which the School arranges courses of study:

1. The Diploma for Journalism.
2. The Academic Diploma in Geography.
3. The Academic Diploma in Sociology and Social Science.

#### 1. THE DIPLOMA FOR JOURNALISM.

The course of training for this diploma is open to:—

- (a) Matriculated students of not less than 17 years of age.
- (b) Subject to the approval of the Board to promote the extension of University Teaching to:—
  - i. Non matriculated students whose preliminary education appears to the Journalism Committee to be sufficient to enable them to take advantage of the course.
  - ii. During the years 1919, 1920, and 1921 to officers and men, whether demobilized or on long leave, and war workers, whose studies have been interrupted by the war, on production of the Army Education Certificate or other evidence from Commanding Officers or Teachers, satisfactory to the Journalism Committee, if then having received a sufficient preliminary education.

The courses of instruction, which cover two years, are provided by the School in conjunction with King's College, University College, and East London College, and students registered at any one college have access to all the necessary courses wherever given.

Students for this diploma must apply at the University of London, South Kensington, S.W.7, and will be allocated among the various colleges.

The examination will be held on the first Monday in July.

The subjects of Examination are:

No. of Subject.	Subject.	No. of Papers.
I.	English Composition.	2
II.	Two of the following subjects:— (a) Principles of Criticism. (b) History of Political Ideas. (c) General History and Development of Science.	2 2 2
III.	Three of the following subjects:— (a) English Literature. (b) History. (c) Political Science. (d) Economics. (e) Modern Languages. (f) Natural Science—Biological. (g) Natural Science—Physico-Chemical. (h) Philosophy and Psychology.	2 2 2 2 2 2 2 2

In determining the results of the examinations marks will be assigned to essays and other work done during the course of training and will be taken into account together with the reports of Teachers as to attendance and progress.

A mark of distinction will be placed against the names of candidates who have shown exceptional merit.

FEES for the Diploma for Journalism:—

**Composition Fee** (admitting Students to the necessary lectures at any of the Colleges—to be paid at the University of London, South Kensington, S.W.7).

Session ... .. £29 8 0

**Examination Fee** ... .. £6 6 0

ADVISER OF STUDIES:—Mr. DALTON.

UNIVERSITY REGULATIONS:—Full details as to Regulations, Syllabus and Time Table may be obtained from the Organising Secretary of the Journalism Committee, University of London, South Kensington, S.W.7.

## 2. THE ACADEMIC DIPLOMA IN SOCIOLOGY AND SOCIAL ADMINISTRATION.

The course of training for the diploma is open to:—

- Students of Post Graduate standing.
- Students who, though not graduates, have satisfied the Professors in charge of the course that their previous education and experience qualify them to rank on the same level as graduates for this purpose, provided that non-matriculated students shall not be admitted to the course without the approval of the Board to promote the extension of University Teaching.

## Diploma in Sociology and Social Administration. 133

Students are required to attend a course of study approved for the purpose by the University extending over two sessions at least (and not less than 150 hours in each year).

The examination takes place on the first Monday in July.

The subjects of Examination are:—

No. of Subject.	Subject.	No. of Papers.	Ref. No. of Course in Calendar, covering each subject of examination.
I.	Social Institutions.	1	133, 170
II.	Social Philosophy and Psychology.	1	146, 154, 171, 172
III.	Social and Industrial History.	1	81, 156
IV.	Social Economics (including Economic Theory and the Elements of Statistics).	1	155, 180
V.	Existing Social Structure and Conditions.	1	151, 153
VI.	Existing Methods of Dealing with Social Problems.	1	151, 156, 159
VII.	One subject to be selected from the following:— (a.) The Elements of Hygiene. (b.) Method of Statistics. (c.) History of Factory Legislation. (d.) Industrial Legislation.	1	—

Candidates will not be approved unless they have shown a competent knowledge in the foregoing subjects, but a candidate who passes in six subjects out of seven may, with the consent of the Examiner, be allowed to offer the seventh subject alone at the next following examination.

FEES for the Academic Diploma in Sociology and Social Administration:—

**Composition Fee** (admitting to all Lectures and Classes whether in the Ratan Tata Department or not, and including full Students Union privileges).

Session ... £22 1 0 Term ... £8 8 0

**Examination Fee** ... £6 6 0

ADVISER OF STUDIES:—Prof. E. J. URWICK.

UNIVERSITY REGULATIONS:—Full details of the regulations will be found pp. 476-478 of the "Regulations in the Faculty of Economics, for Internal Students," which can be obtained at the School, or from the Academic Registrar, University of London, South Kensington, S.W.7.

## 3. THE ACADEMIC DIPLOMA IN GEOGRAPHY.

The Diploma Course is open to:—

1. Matriculated students of the University who either
  - (a) Have passed the Intermediate Examination in Arts with Geography or the Intermediate Examination in Economics, or
  - (b) Can produce evidence of sufficient knowledge of Geography to profit by the course.
2. Graduates of other Universities who can produce evidence of sufficient knowledge of Geography to profit by the course.
3. Non-matriculated students who have satisfied the conditions for registration, or for provisional registration, laid down by the Teachers' Registration Council, provided that they can produce evidence of a sufficient knowledge of Geography to profit by the course.

Students are required to attend an approved course of study of not less than 180 hours' continuous study.

The subjects of examination are:—

No. of Subject.	Subject.	No. of papers.	Ref. No. of course in Calendar, covering each subject of examination.
I.	The physical basis of Geography including the Elements of Physical Geography, Geomorphology and Meteorology.	1 and pract.	At University College
II.	The Use of Instruments, Map-making, Map-reading and Map-correlation.	2 pract. exams.	63, 64, 65
III.	Regional and Historical Geography with special study of two continents.	3	66, 67, 68, 69, 70, 71, 72

A minimum standard of attainment will be fixed in each of the three subjects, but candidates will be required to have reached a higher standard in not less than two of the subjects.

FEES for the Academic Diploma in Geography:—

**Composition Fee** (admitting to the necessary Lectures at the School and at University College, and including full Student Union privileges at the School at which student is registered).

Session ... .. £18 18 0 Term ... .. £7 7 0

If the course is spread over 2 Sessions, a further £3 3s. must be paid at the beginning of the 2nd Session.

**Examination Fee:—£6 6 0**

ADVISER OF STUDIES:—MRS. ORMSBY.

UNIVERSITY REGULATIONS:—A leaflet giving full details as to the regulations governing the Diploma can be obtained at the School, or from the Academic Registrar, University of London, South Kensington, S.W.7.

## VI.—CERTIFICATES.

Certificates of Studentship are awarded under the authority of the Professorial Council to students in certain departments of work. The following groups have already been sanctioned:—

## I.—GEOGRAPHY.

Certificates are awarded to students who desire to specialise in Geography without taking the wider course of study prescribed for students proceeding to a degree in the Faculty of Economics and Political Science or to the Academic Diploma in Geography. Such students must have *either*

- (a) Followed the Intermediate Course in Geography at the School *or*
- (b) Satisfied the authorities in some way that they have acquired a sound elementary knowledge of the subject.

The normal course for the Certificate extends over two years, during which students must attend

- (a) A Map Class. (No. 63 *or* 64.)
- (b) Classes in Detailed Geography. (Nos. 66 *and* 68.)
- (c) Courses in Historical Geography. (Nos. 70, 71 *and* 72.)

Students must pass examinations in General Geography and Map Reading and submit a thesis based on a detailed study of a selected area in the United Kingdom including work on the ground.

Students able to devote the whole of their time to the study of Geography may apply for special permission to take the certificate course in one year.

## 2.—COMMERCE.

Certificates are awarded to students who desire to avail themselves of the courses on commerce at the School without proceeding to a degree in the Faculty of Commerce.

The course extends over a minimum of two years, and is open to students who

- (a) Have passed some examination implying a sufficient secondary education, or produce a satisfactory letter from the head master or mistress of a secondary school, or
- (b) Are not less than 20 years of age, and have had three years' experience in a business office, or
- (c) Are not less than 23 years of age.

A course of study will be prescribed for each candidate for the certificate individually. The course will vary according to the circumstances of the candidate.

The first year's course will include, as a minimum, the following lectures:—Commercial Law, Part I. (No. 101); Accounts, Part I. (No. 1); British Foreign Trade (Nos. 20 & 21); Elements of Currency and Banking (No. 10); The Growth of English Industry, with special reference to the period after 1760 (No. 81); Elements of Economics (No. 40); Geography [Intermediate B.Sc.(Econ.) Course] (No. 60).

In the second year the entire course of study will be planned with variations to suit the needs of each candidate. Selection will be made from the following and other lectures:—Currency and Banking, Descriptive and Theoretical, with special reference to England (No. 11); The Financing of Industry (No. 26); Wholesale Markets (No. 27); Raw Materials (No. 28); International Trade (No. 29); Foreign Trade, special class (No. 30); Tariffs (No. 31); Foreign Exchanges (No. 32); Trade of South and Central America (No. 33); Economic Organisation of Russia (No. 34); the Stock Exchange, Speculative Markets and other subjects connected with Banking (No. 12); General Economics, with special reference to Transport

(No. 193); Business Organisation (No. 3); Accounts, Part II. (No. 2); Commercial Law, Part II. (No. 102). Lectures by business men on their special subjects, such as are arranged from time to time.

Students unable to give their full time to study may spread their course over as long a period as is necessary.

#### LANGUAGES.

The time-table of the first year of language instruction at King's College is as follows:—

FRENCH (Matriculation standard will be assumed).

Classes will be held for Day Students:— Tuesday, 2—3; Friday, 12—1.

“ “ “ Evening Students:— Tuesday, 6—8.

GERMAN, ITALIAN, SPANISH, PORTUGUESE, ROUMANIAN, RUSSIAN, POLISH and MODERN GREEK (Matriculation standard will not be assumed).

Classes will be held if desired for Day Students for 5 hours a week in the afternoons; for Evening Students 2 hours a week on Tuesdays from 6—8 p.m. [For further details, see pp. 84 & 85].

Students who have reached Matriculation standard will be taken in existing classes, with one additional hour a week for the commercial side of the work.

### 3.—SOCIAL SCIENCE AND ADMINISTRATION.

A Certificate is also awarded in the RATAN TATA DEPARTMENT OF SOCIAL SCIENCE AND ADMINISTRATION of the University of London.

The Ratan Tata Department of Social Science and Administration is intended for those who wish to prepare themselves to engage in the many forms of social and charitable effort.

While the lectures are open on payment of the fees to all who wish to attend them, candidates for the certificate in the Department give their whole time to the work for one or two sessions, during which they are under the guidance and direction of a special staff of supervising tutors. The course includes both practical and theoretical work, about half the time being devoted to each. In their practical work the students are placed under experienced administrators in all parts of London, and thus obtain some knowledge of the conditions of life in a great industrial centre, and of the various methods of social effort, alike in the administration of charitable resources and in the work of Municipal or State Departments. For full particulars see the special pamphlet published by the Department. The advanced students are also enabled to take part in certain branches of social research.

By these means the students acquire first hand experience of the difficulties to be dealt with and of the different ways in which effort is now directed to meeting them. In their theoretical work the students obtain, through lectures, classes, reading, and individual tuition, a knowledge of the relation of present conditions and efforts to the past history of industrial and social life, and to the generalisations of Economic Science and Sociology. It is necessary that students desiring to take the full course should possess a good general education. It is not essential that they should be graduates of a University; but, as the greater part of the instruction is of a post-graduate character, they must be qualified, by education and general knowledge, to rank with graduates if they wish to take the full course and to obtain the certificate which is given at the close.

There is no fixed age which students must have reached before entering upon the course; but it is generally inadvisable for anyone to begin the work before 21.

A certificate is granted, after examination, on the work done during the course.

For full particulars see special pamphlet issued by the Department, which may be obtained on application to the Secretary, London School of Economics and Political Science, Clare Market, W.C.2.

### RESEARCH STUDENTS.

The London School of Economics and Political Science has become one of the largest centres of “post-graduate” study in the United Kingdom. Some of the most important work of the School is done in the Research Department. The work of the Department is carried on by means of (i) individual supervision of students, (ii) Seminars or Special Classes, and (iii) the Library. The lectures at the School likely to be useful to students are pointed out to them. The method of utilising the British Museum, the Public Record Office, and other great libraries and collections of material is explained. Brief bibliographies are supplied, and the main sources are indicated from which such bibliographies may be supplemented and extended. The manner in which students collect their material and the use they make of it are criticised, and points arising out of their researches are discussed. Wherever suitable, arrangements are made for enabling students to come into contact with contemporary social and economic organisation, public and private, in London and elsewhere. One of the most valuable means of training research students is to be found in the Library, which contains ordinary textbooks and works of reference; official documents issued by the British and other Governments; a unique collection of the official documents issued by the various local authorities of the United Kingdom and other countries; tracts and pamphlets, and several special collections of material for investigation and research. Research students (who are not required to be graduates) may join at any time, and for any period.

Graduates from other Universities desiring to work for a higher Degree of the University of London under Statute 113, are referred to the Section on Higher Degrees, pp. 119-131. [For fees, see pp. 12 & 13.]

Graduates of London University proceeding to a Higher Degree in the same Faculty, and persons conducting research without desiring to proceed to any degree, can obtain the facilities of the Research Department, including admission to the necessary seminars, on payment of the Research fee of £3 3s.

**NOTE.**—It is proposed to institute a journal, containing the results of researches carried out by professors, in seminars, or by students. Instalments will be published terminally if possible. The journal will be conducted by an editorial Board consisting of Professor Bowley (Chairman), Professor Cannan, and Professor Graham Wallas. Mr. Gregory will act as Secretary to the Board, and all communications on the subject should be addressed to him.

## THE BRITISH LIBRARY OF POLITICAL SCIENCE.

THE library was established by public subscription in 1896, for the free use of persons engaged in public administration, national and municipal, and of students of economics and political science.

It comprises some 500,000 items, including :—

- (a) General works of reference, British and foreign.
- (b) Standard works, British and foreign, on economics and political science, including commerce and industry.
- (c) A bibliographical section. This contains the catalogues of a large number of libraries (both general and special), readers' guides, general and subject bibliographies and reading lists; also a large number of special bibliographies and lists of references prepared by the lecturers, library staff and students of the school. These are being constantly added to.
- (d) A collection of 200,000 pamphlets and similar materials for research, all classified in accordance with the scheme given on pp. 142-147.
- (e) British parliamentary publications (blue books) from the end of the eighteenth century to date. These are not quite complete, the principal lacunæ being between 1865 and 1896.
- (f) The official reports, bearing on administrative, constitutional and economic questions, of foreign government departments, and British colonies. The library is greatly indebted to certain foreign governments for the manner in which they have presented practically complete sets of official documents not otherwise obtainable in the United Kingdom. The United States government has made it a library of deposit for congressional documents in London, and has presented a set of documents since 1873 as complete as it is possible to make it. The same course has been taken by the governments of Australia, Canada, India, and South Africa.
- (g) Official reports on municipal administration presented by more than 300 municipalities in the United Kingdom, the British colonies and dependencies, France, Germany, Austria, Italy, Holland, Belgium, the United States, and other countries. No similar collection of municipal documents has been made in this or any other country.
- (h) Other official papers, such as the reports of the North German Confederation and the German *Reichstag* from 1867.
- (j) The Lords Commissioners of H.M. Treasury have presented copies of the *Chronicles* and *Memorials* and of the *Calendars of state papers* and other publications of the Stationery Office.
- (k) Special collections of material illustrating particular subjects or groups of subjects. These special collections are unique, for they have invariably been made by experts. The most valuable and extensive of them consists of the materials collected by Mr. and Mrs. Sidney Webb for their *History of trade unionism* and *Industrial democracy*, and presented by them to the library. Professor Borgeaud, of the University of Geneva, collected for the library an

extensive set of documents illustrating the working of the Referendum and the Initiative in Switzerland. Professor Graham Wallas made a similar, but much more extensive, collection, illustrating certain political problems of the United States, and during 1898 Mr. and Mrs. Webb, at the request of the library trustees, obtained, in addition to standard works, a large collection of official reports and documents, and other materials bearing upon public administration in the United States and the Australasian colonies. In 1909 an extensive collection of similar material relating to Canada was obtained by Mr. McKillop during a visit to the Dominion.

(l) Manuscript and other collections bequeathed to the library by the late Lord Farrer, Rev. Henry Solly, Mr. Charles Harrison and others.

(m) Special libraries which have been deposited with the London School of Economics for custody and administration—*i.e.*, the collections of the Edward Fry Library of International Law, the Child Study Society, the Royal Economic Society, the South-Eastern Union of Scientific Societies, and the World Conferences Library.

(n) Collections available for home reading by members, including those of the Students' Union (see pp. 155, 162) and Ratan Tata Department of Social Science.

(o) The Acworth transport collection, containing a large number of reports, textbooks, periodicals, etc., dealing with the administration and economics of railways, shipping, canals, roads, etc. This collection was begun out of funds given by the greater railway companies of this kingdom, and is constantly being added to. In 1910, Mr. W. M. Acworth generously gave the greater part of his railway library, consisting of more than 5,000 items, to this collection, which is, in all probability, the most important library of transport literature in the United Kingdom.

(p) The Hutchinson collection of works in all languages for, against, and about socialism and allied questions. This collection has been acquired partly by gifts of books and other documents and partly by purchase from a fund provided by the trustees of the late Constance Hutchinson.

(q) There is also a fairly large collection of economic works in Japanese got together by Mr. Sidney Webb during his tour in the East, 1911.

(r) A large collection of books, pamphlets, periodicals, wholesale price lists, etc., relating to the tobacco industry of this country from the seventeenth century.

The library is divided into two parts.

1. On the ground floor of the main reading room the ordinary standard treatises and works of reference are arranged on the shelves in accordance with the scheme of classification, of which main headings are given on pp. 142-147. Readers have access to them on condition



that books when done with are left on the table, or placed on the desk provided for that purpose.

2. In the gallery of the reading room, and in the stores of the other parts of the building, books are arranged according to convenience. Readers have access to the gallery, but books not in the reading room or gallery can only be obtained from the superintendent by application on the proper voucher form. Readers requiring more than one volume from the inner library are invited to apply in advance, stating on the voucher the time when they will require the books.

There is no subject catalogue of the library, but the making of one is under consideration and will be undertaken as soon as funds are available: the card catalogue in the drawers of the catalogue desk is arranged

- (a) for ordinary books issued by an author, under the author's surname;
- (b) for official reports under the name of the state, city, or other corporate body responsible for the publication. In the case of British and other parliamentary papers to which reasonably good catalogues are published, no entries will in general be found in the catalogue, but the necessary catalogues will be found in cases 454-458.

For the convenience of readers, dictionaries and other more general works of reference are placed in cases 460-461, and bibliographical works (including indexes to official publications and the more important library catalogues) in cases 454-460.

Pamphlets are classified in accordance with the scheme given on pages 142-147, and anyone requiring to consult this section should ask for them, quoting the classification number of the topic required. A detailed scheme of the system and the author's catalogue of pamphlets may be inspected on application.

Students desiring information on a subject are recommended to consult the sheaf-catalogue of bibliographies, kept on the catalogue desk. All reading lists, bibliographies, lists of authorities, etc., separately published are catalogued therein. The entries are classified alphabetically.

With certain exceptions, volumes containing bibliographies of their own subject matter are not entered in this catalogue, as such are readily traceable on reference to the sections of the classification wherein they fall.

Special and detailed subject indexes to the Acworth, Hutchinson and geography collections have been compiled and are kept with the respective collections. In addition special subject indexes have been made to all maps and charts in British parliamentary papers since 1850, to matter in these papers relating to Africa, and to the publications of English local government bodies. There is a separate catalogue of all periodical publications received, and the contents of the more important periodicals are regularly indexed as they arrive.

Readers should also consult Wilson's *Reader's guide* and *Reader's guide supplement*, and the *Subject index to periodicals* issued by the Library Association.

Readers are invited to apply to the superintendent in any case of difficulty, and to make complaints or recommendations in the recommendation book which will be found on the catalogue desk.

The superintendent of the reading room will gladly explain the method of the catalogue of the library and of the various special catalogues of collections, but is especially forbidden to make out vouchers for readers. Each single volume or run of volumes required by a reader, if not located in the reading room, requires a separate voucher.

Any reader desirous of having books retained for him for a space of not more than 48 hours should write his name at the end of a small slip (to be obtained at the catalogue desk), insert it in the top book of those retained, and draw the attention of the superintendent to the fact. This arrangement will not apply to books on the shelves of the reading room. The side tables are reserved for those actually using works in folio, and anyone may be required to move to the centre tables to make room for a reader who requires a folio.

Readers desiring information as to the contents and facilities of other libraries in London are advised to consult the handbook issued in 1908 (new edition, 1910) by the University of London, entitled *The libraries of London: a guide for students*; by R. A. Rye.

#### RULES FOR THE LIBRARY.

1.—The library shall be open gratuitously for the purpose of study and research to—

- (a) Students for the time being of the London School of Economics and Political Science;
- (b) Persons engaged in any branch of public administration in the United Kingdom or any other country;
- (c) Professors and lecturers of any recognised university;
- (d) Such other persons as may from time to time be admitted by the Director, on the recommendation of any public officer, professor, lecturer, teacher, foreign ambassador, minister or consul, agent-general or other person of position.

2.—The reading rooms are open at 10 a.m. daily, except as provided in Rule 3, closing at the following times:—

*During term*: Daily, except Saturdays, at 9 p.m.; and on Saturdays at 1 p.m.

*During vacation*: Mondays, Wednesdays and Fridays, at 6 p.m. Tuesdays and Thursdays, at 9 p.m. (with exceptions) and on Saturdays at 1 p.m.

3.—The library is entirely closed on the following days:—On all Sundays; on the 1st January; on Good Friday and the five days next following; on Whit Monday; on the first fourteen days of August; on the 25th December and six days next following.

4.—The reading rooms may be closed at any time for not more than one day by order of the trustees, provided that notice to that effect be posted up not less than one week previously in the reading rooms and in the entrance lobby.

5.—Readers may take the books they require for purposes of study from the shelves in the (main) reading room and gallery. They must not replace the books when done with, but must leave them on the table provided for that purpose.

6.—Cloak-rooms and lockers are provided in the building, and readers are requested not to bring overcoats, hats, umbrellas, or other impedimenta into the reading rooms. Parcels may be left in charge of the porter in the hall.

7.—No book, manuscript, or other property of the library is, in any circumstances, to be taken out of the reading rooms by a reader.

8.—Silence is, as far as possible, to be preserved in the reading rooms.

9.—Anyone who shall wilfully injure the property of the library in any way will be required to pay the cost of repairing or replacing the injured property, and may be debarred from further using the library.

10.—Persons admitted to the reading rooms shall on their first visit sign their names in a book to be kept for that purpose, as evidence that they will conform to these rules.

The books and other documents in the library are classified according to the following scheme, which has been arrived at after careful consideration of many systems.

<i>Main Divisions.</i>	<i>Symbol.</i>
Sociology ... ..	A.
Economics... ..	B.
Finance ... ..	C.
Statistics ... ..	D.
Law ... ..	E.
Mental science and ethics ... ..	F.
Political science ... ..	G.
History ... ..	H.
Geography, geology, meteorology, etc. ... ..	J.
Suggested general solutions of social problems ... ..	K.
Library administration ... ..	L.
Other main divisions to be allotted as necessity arises ... ..	M., N., etc., etc.

Each of these main divisions is subdivided as follows:—

A.—SOCIOLOGY.

Divided into:—

General works ... ..	A.0000.
Ethnology and anthropology ... ..	A.0200.
Anthropology ... ..	A.0210.
Language ... ..	A.0300.
Custom and early law ... ..	A.0400.
Marriage and the family ... ..	A.0500.
Marriage law ... ..	A.0510.
Religion ... ..	A.0600.
Evolution ... ..	A.0800.
Heredity ... ..	A.0810.
Mythology and folklore ... ..	A.2000.

(And others to be added as the necessity arises.)

B.—ECONOMICS.

Divided into:—

General works (including economic theory) ... ..	B.0000.
Population ... ..	B.0200.
Pauperism ... ..	B.0300.
Unemployment ... ..	B.0400.
Labour questions in general ... ..	B.0500.
Wages ... ..	B.0600.
Hours ... ..	B.0700.
Trade unionism ... ..	B.0800.
Labour disputes ... ..	B.0900.
Labour legislation ... ..	B.1000.
Assurance ... ..	B.1100.
Housing ... ..	B.1200.
Co-operation... ..	B.1300.
Land ... ..	B.2000.
Migration ... ..	B.2100.
Commerce ... ..	B.2200.
Free trade and protection ... ..	B.2300.
Commercial crises ... ..	B.2400.
Monopolies, trusts, etc. ... ..	B.2500.
Communications generally ... ..	B.2600.
Posts ... ..	B.2630.
Telegraph, telephone, and other means of communication at a distance ... ..	B.2640.
Maritime navigation, ocean transport, water transport generally ... ..	B.2650.
Shipping ... ..	B.2660.
Shipbuilding... ..	B.2670.
Marine engineering ... ..	B.2680.
Technical hydraulics ... ..	B.2700.
Harbours and coast protective works (generally) ... ..	B.2720.

B.—ECONOMICS (*contd.*).

Harbour works	...	...	...	...	B.2740.
Canals and inland navigation	...	...	...	...	B.2770.
Drainage and reclamation	...	...	...	...	B.2790.
Highways and roads generally	...	...	...	...	B.2800.
Road construction	...	...	...	...	B.2820.
Motor vehicles	...	...	...	...	B.2850.
Cycles (general works, including history)	...	...	...	...	B.2890.
Railways	...	...	...	...	B.2900.
Economics of location	...	...	...	...	B.2940.
Railway construction (general works, including reconnaissance, surveying, and location)	...	...	...	...	B.2950.
Railroad surveying	...	...	...	...	B.2960.
Permanent way. Track (general)	...	...	...	...	B.2970.
Railway structures and buildings	...	...	...	...	B.2980.
Railway equipment and supplies (general works)	...	...	...	...	B.3000.
Rolling stock and car building	...	...	...	...	B.3010.
Railway operation and management	...	...	...	...	B.3050.
Safety measures, signals, etc. (technical)	...	...	...	...	B.3080.
Traffic operations	...	...	...	...	B.3090.
Local and light railways (generally)	...	...	...	...	B.3100.
Municipal and street railways	...	...	...	...	B.3130.
Electric railways (general works)	...	...	...	...	B.3160.
Aerial navigation generally	...	...	...	...	B.3200.
Mechanics of flight. Aerodynamics	...	...	...	...	B.3230.
Industry and manufacture	...	...	...	...	B.3400.
Slavery	...	...	...	...	B.3500.

## C.—FINANCE.

Divided into:—

General works	...	...	...	...	C.0000.
Public finance	...	...	...	...	C.0200.
Taxation	...	...	...	...	C.0300.
Banking	...	...	...	...	C.0400.
Currency	...	...	...	...	C.0500.
Investment	...	...	...	...	C.0600.
Prices and values	...	...	...	...	C.0700.

## D.—STATISTICS ... .. D.0000.

N.B.—Statistics of any special subject will be found with other books on the subject.

## E.—LAW.

Divided into:—

General works	...	...	...	...	E.0000.
Jurisprudence	...	...	...	...	E.0100.
History of law	...	...	...	...	E.0200.
Ancient and Roman law	...	...	...	...	E.0300.

E.—LAW (*contd.*)

Modern law	...	...	...	...	E.0400.
International law	...	...	...	...	E.0500.
Constitutional law (added to G.0200, "The constitution")	...	...	...	...	

N.B.—Works on the law of any special subject will be found with other works on that subject.

## F.—MENTAL SCIENCE AND ETHICS.

General works	...	...	...	...	F.0000.
Philosophy	...	...	...	...	F.0100.
Ethics	...	...	...	...	F.0200.
Suppression of vice, gambling, etc.	...	...	...	...	F.0250.
Logic	...	...	...	...	F.0500.
Psychology	...	...	...	...	F.1000.
Roman catholicism	...	...	...	...	F.2000.
Secularism	...	...	...	...	F.9000.

## G.—POLITICAL SCIENCE.

Divided into:—

General works	...	...	...	...	G.0000.
Constitutions (generally)	...	...	...	...	G.0200.
Constitutions of special states	...	...	...	...	G.0300.
Form of state	...	...	...	...	G.0400.
Democracy (including citizenship and women's suffrage)	...	...	...	...	G.0500.
Elections and suffrage	...	...	...	...	G.0600.
Parliaments	...	...	...	...	G.0700.
Parties	...	...	...	...	G.0800.
Ecclesiastical relations	...	...	...	...	G.0900.
External relations	...	...	...	...	G.1000.
War	...	...	...	...	G.1100.
Colonies and countries, etc.	...	...	...	...	G.1200.
Internal relations	...	...	...	...	G.1300.
Liberty	...	...	...	...	G.1400.
Children	...	...	...	...	G.1450.
Education	...	...	...	...	G.1500.
Criminology	...	...	...	...	G.1600.
Administration, general and central	...	...	...	...	G.1700.
Local government, generally	...	...	...	...	G.1800.
Local government, United Kingdom	...	...	...	...	G.1900.
Local government, foreign countries	...	...	...	...	G.2040-99.
Local government, London	...	...	...	...	G.2100.
Local government, other towns	...	...	...	...	G.2200.
Local government, particular subjects	...	...	...	...	G.2300.
Local government, municipal and national undertakings	...	...	...	...	G.2400.
Semitism and antisemitism	...	...	...	...	G.2500.

G.—POLITICAL SCIENCE (*contd.*).

Ireland	...	...	...	...	G.2600.
Temperance, general	...	...	...	...	G.4800.
Opium	...	...	...	...	G.4900.
Liquor	...	...	...	...	G.5000.
Public health	...	...	...	...	G.5100.

## H.—HISTORY.

Divided into:—

General works (including palæography)	...	...	...	...	H.0000.
Social history	...	...	...	...	H.0010.
Political history	...	...	...	...	H.0050.
Economic history	...	...	...	...	H.0071.
History in general	...	...	...	...	H.0100.
The World	...	...	...	...	H.0200.
Ancient history	...	...	...	...	H.3000.
Various countries arranged according to the Dewey classification...	...	...	...	...	H.4000 to H.9900.

These country numbers are further divided, as under:—

- 00 Sources.
- 10 Social.
- 50 Political.
- 71 Economic.

N.B.—Works on the history of any special subject will be found with other works on that subject.

## J.—GEOGRAPHY, GEOLOGY, BIOLOGY, AGRICULTURE, ETC.

General Works	...	...	...	...	J.0000.
Geology, physiography, geodesy	...	...	...	...	J.1500.
Meteorology	...	...	...	...	J.1600.
Biology	...	...	...	...	J.1700.
Zoology	...	...	...	...	J.1800.
Plant geography and botany	...	...	...	...	J.1900.
Agriculture	...	...	...	...	J.2000.

## K.—SUGGESTED SOLUTIONS OF SOCIAL PROBLEMS.

General works	...	...	...	...	K.0000.
Anarchism	...	...	...	...	K.1000.
Tolstoy	...	...	...	...	K.1100.
Individualism	...	...	...	...	K.1200.
Voluntaryism	...	...	...	...	K.1300.
Nietzsche	...	...	...	...	K.1400.
Applied Christianity	...	...	...	...	K.2000.
Social service	...	...	...	...	K.2100.
Social and university settlements...	...	...	...	...	K.2200.
Social clubs	...	...	...	...	K.2300.
Humanitarianism	...	...	...	...	K.3000.
Vegetarianism	...	...	...	...	K.3100.
Positivism and Comteism	...	...	...	...	K.4000.
Socialist bibliographies	...	...	...	...	K.5000.

K.—SUGGESTED SOLUTIONS OF SOCIAL PROBLEMS (*contd.*).

Socialist associations	...	...	...	...	K.5040.
Socialist congresses	...	...	...	...	K.5045.
Miscellaneous socialist collections	...	...	...	...	K.5051.
Collections by one author	...	...	...	...	K.5055.
Socialist biographies	...	...	...	...	K.5060.
Socialism in general	...	...	...	...	K.5070.
Economic socialism	...	...	...	...	K.5071.
Moral socialism	...	...	...	...	K.5072.
History of socialism	...	...	...	...	K.5080.
Chartism	...	...	...	...	K.5085.
Methods of socialism	...	...	...	...	K.5090.
Christian socialism	...	...	...	...	K.5100.
Philanthropic socialism	...	...	...	...	K.5200.
International socialism	...	...	...	...	K.5300.
Socialism in various countries	...	...	...	...	K.5400.
Communities and utopias	...	...	...	...	K.5500.
Socialist songs	...	...	...	...	K.5600.
Anti-socialism	...	...	...	...	K.5700.
Socialism, controversies and debates	...	...	...	...	K.5800.
Collectivism	...	...	...	...	K.6000.
Communism	...	...	...	...	K.7000.
Solidarity	...	...	...	...	K.7100.
Eugenics	...	...	...	...	K.8000.
Endowment of motherhood	...	...	...	...	K.8100.
Revolutionary movements, including bolshevism	...	...	...	...	K.9000.
Syndicalism	...	...	...	...	K.9100.
General strike	...	...	...	...	K.9200.

## L.—BIBLIOGRAPHY AND LIBRARY SCIENCE.

History of book-making	...	...	...	...	L.0000.
Writing (general works)	...	...	...	...	L.0040.
Book industries and trade	...	...	...	...	L.0110.
Bookbinding	...	...	...	...	L.0266.
Bookselling and publishing	...	...	...	...	L.0278.
Copyright. Intellectual property	...	...	...	...	L.0551.
Library science	...	...	...	...	L.0665.
General bibliography	...	...	...	...	L.1001.
Anonyms and pseudonyms	...	...	...	...	L.1041.
National bibliography	...	...	...	...	L.1240-99.

(Dewey numbers for countries.)

Books printed and published in that country, books by natives or resident authors, books written in the language of that country by foreigners, and that country as subject (general, literature, biography, history and description). Other special, within the scope of the foregoing classification, go with subject, but have the additional symbol L.50. Others outside its scope are arranged according to the Library of Congress scheme, slightly modified.

## Z.—MISCELLANEOUS.

## STUDENTSHIPS, SCHOLARSHIPS, EXHIBITIONS AND BURSARIES.

### School of Economics Studentships:

- (a) Two Research Studentships, available for ONE YEAR, will be awarded in December, 1920, one for £175, and one for £75.
- (b) Two Research Studentships, available for TWO YEARS, will be awarded in July, 1921, one for £175, and one for £75.

Candidates are requested to send to the Director not later than one calendar month before the date of the award the following particulars:—(1) date of birth, (2) name and address in full, (3) school or schools, college and university where educated, (4) academic record, if any, (5) the name of the professor, tutor, lecturer, or other person of recognised position to whom reference may be made; and to state in what subject they would wish to carry on their investigations.

**The Hutchinson Research Studentship**, of the value of one hundred guineas a year, for two years—originally the gift of the **CONSTANCE HUTCHINSON TRUSTEES**—will be awarded by open competition in July, 1921. This studentship, which is tenable for two years, will be awarded annually, when possible without examination; but the Committee of Award reserves to itself the right to set papers to selected candidates if considered desirable. The successful candidate will be expected to choose, with the approval of the Director, some definite subject for research of limited scope.

Candidates are requested to send to the Director not later than 18th June, 1921, the following particulars—(1) name and address in full, (2) school or schools, college and university where educated, (3) academic record, if any, (4) the name of the professor, tutor, lecturer, or other person of recognised position to whom reference may be made; and to state in what subject they would wish to carry on their investigations.

In the event of an examination being required, two papers will be set on 30th June, 1921, at 10 a.m. and 2 p.m. respectively; one on Economics or Political Science at the option of the candidate; and a general paper so framed as to test the candidate's knowledge of both Economics and Politics. In Economics there will be questions in General Economics, including Economic History, Methods of Investigation and Applications of Statistics: in Political Science there will be questions in the History of Political Ideas, Comparative Politics and the British Constitution.

The Committee of Award will meet after the examination to interview selected candidates.

**NOTE.**—The Research Studentships of the London School of Economics and Political Science are intended to promote the execution of definite pieces of original work relating either to past or present economic or political conditions and to enable students to become trained investigators.

The successful candidates are expected to devote their whole time to their work, attending for this purpose at the School or carrying on their researches in such fields of investigation as may be required. They choose, subject to the approval of the Director, some definite subject of investigation of limited scope, which they are assisted, under competent direction, to study at first hand with a view to the preparation of a short monograph. Their first task is to perfect themselves, under expert direction, in the methods of investigation and research.

\***The Gerstenberg Scholarship** of £50 tenable for one year, open, without limit of age, to candidates who have passed the intermediate examination in this or the previous year.

This Scholarship is awarded on the results of the Scholarships examination in July. Entry closes on 1st June.

\***One Mitchell Studentship** of £100, awarded without examination, to enable the student possessing the necessary City qualifications to study and investigate some definite feature of business or industrial organisation, at home or abroad.

\***Four Mitchell Scholarships**, awarded annually by the Mitchell City of London Charity, viz.: two of £25, and two of £20 a year, tenable for four years.

\***Two St. Dunstan's Exhibitions** for women, of £60 a year, tenable for three years.

**Two Loch Exhibitions** of the value of £24 will be awarded annually by the Ratan Tata Benefaction Committee, subject to the approval of the University.

The Exhibitions will be awarded in the first instance for a period of one year, but the tenure may be extended to a second year by the University on the recommendation of the Committee.

Applications for the Exhibitions, accompanied by the names of three references and the evidence required under the terms of the Regulations, must reach the Head of the Department not later than 15th May. Testimonials are not required.

Candidates must produce evidence that they will have attained the age of 19 years on the first of October in the year of the award, and must satisfy the Committee as to their need of financial assistance to follow the course of study prescribed.

Holders of the Exhibitions must pursue the ordinary course of study (known as the Certificate course) in the Ratan Tata Department of Social Science and Administration at the London School of Economics and Political Science; and if a further year's tenure is granted, a further course in the same department.

Instalments of the emoluments of the Exhibitions will be paid terminally on receipt of satisfactory reports as to the progress of the holder.

**Six Exhibitions**, tenable at the School, are awarded to University Extension students on the recommendation of the University Extension Board; the exhibitor to be elected, in the first instance, for one year, but to be re-eligible, on certain conditions, for a second and third year. These Exhibitions will cover the School fees for the course taken.

Further information may be obtained from the Registrar of the University Extension Board, University of London, South Kensington, S.W.7.

\* Further details as to these may be obtained from the University of London Handbook on "Exhibitions, Scholarships, Studentships and Prizes."

**One Exhibition**, tenable at the School, is awarded on the recommendation of the Society of Arts: the exhibitor to be elected, in the first instance, for one year, but to be re-eligible, on certain conditions, for a second and third year. This Exhibition will cover the school fees for the course taken.

Further information may be obtained from the Secretary of the Society of Arts, John Street, Adelphi, W.C.

**Ten Free Places** at the School, tenable for three years, are awarded annually by the London County Council.

**Bursaries.**—The School offers a strictly limited number of Bursaries entitling holders to full courses at reduced fees. They are intended to help to pay the fees of students who can show that such assistance is necessary to enable them to take the course. Some will be awarded to present students of the School. Students wishing to apply for one of these bursaries should obtain a form of application from the Office, and return it forthwith to the Director, accompanied by the names of two persons to whom reference may be made as to their financial circumstances.

**N.B.**—Students, over 18 or 19, who intend to become teachers, may, under certain circumstances, obtain free admission to the School, in connection with their studies at the London Day Training College.

### MEDALS AND PRIZES.

**The Hutchinson Silver Medal** is awarded annually to a student of the School for excellence of work done in research.

**The Gladstone Memorial Prize.**—The Trustees of the Gladstone Liberal Memorial Trust have established a prize of Five Pounds to be given annually in books to the student of the London School of Economics and Political Science who at the School's Special Internal Intermediate Examination for the degree of B.Sc. in the Faculty of Economics and Political Science shall have obtained the best aggregate marks for the papers in Economics and the British Constitution.

**The Gladstone Memorial Prize.**—The Trustees of the Gladstone Liberal Memorial Trust offer an annual prize of books to the value of £10 for proficiency in History, Political Science, and Economics, to be awarded on the result of the Final Examination for the degree of B.Sc. (Econ.).

**The Brunel Silver Medal** is awarded to students in the Railway Department who in not more than four years have been placed three times in the first class in the examination lists in different subjects.

**Two Rosebery Prizes**, one of £25 and one of £10, will be awarded in 1920 for the two best monographs embodying original research presented in the department of railway transport.

### THE NEW BUILDING.

The accommodation of the School has long been insufficient for its needs. So long ago as 1913 the independent persons appointed by the University under Statute 76 to examine the organisation and administration of the Schools of the University included in their reports the following paragraphs:—

“We desire emphatically to endorse the statement that the School has outgrown its present accommodation. The provision for lectures, for the library, for the teaching and the administrative staffs, and for the daily and social life of the Students, is inadequate, and it is only by extremely ingenious management that it has been possible to arrange for the work of so large a mass of Students to be carried on at all in the present building. But the building is seriously overcrowded.”

“We fully realise that it is important that the School of Economics should continue to be within easy reach both of the City, and of the administrative Departments of the Government and the Municipality, which supply many of its evening students. But we are of opinion that a great effort should now be made to provide accommodation of an adequate character for a School which has been so signally successful, and in which, in the opinion of the Royal Commission, the main teaching in the Faculty of Economics of the greatest commercial city of the world should be given.”

Since then the position has become yet more serious. The School has now the same buildings as in 1913, but twice as great an attendance of students. The continuance of its work during the past Session has only been possible by hiring as temporary lecture rooms some Y.M.C.A. Huts on the Aldwych island site.

The institution of the Commerce degree, and the raising of a substantial fund by contributions from the City, has made it possible to take at least the first step in remedying the lack of accommodation. A considerable portion of that fund has been allocated to the provision of a new building (continuous with the present one) on an additional site provided by the London County Council. The foundation stone of this new building was laid by His Majesty the King on 28th May, and it is hoped that it may be ready for occupation early in the year 1921. This building is estimated to cost at least £75,000.

The completion of the new building now in course of erection, will not, however, by any means meet the urgent requirements of the School. The gain from it will be, to a considerable extent, offset by the unavoidable loss of the temporary huts on the Aldwych island site, while a yet further increase of students seems inevitable as the Commerce degree becomes better known and established.

Plans have accordingly been prepared to cover not only the additional site recently granted by the County Council, but to erect a permanent building on other parts of the present site of the School which are now occupied by temporary sheds. This second stage is

estimated by the architects to cost about £65,000, towards which a donation of £10,000 has already been promised by the Carnegie trustees. This part of the building will include a large new reading room and greatly increased library accommodation.

The total cost of the new buildings, including both that now in course of erection, and that contemplated, will thus be about £140,000. When complete it will provide the school with more than twice the lecture and class room accommodation, and about two-and-a-half times the library accommodation now possessed by it in its permanent and temporary buildings.

It is of the greatest importance that the second stage of the building should be commenced, if possible, at the beginning of 1921, and this will be done if the necessary funds are forthcoming or in prospect. The Governors will be glad to consider any suggestions for associating particular lecture halls or other rooms with the name of any particular donor, or with any person or body named by him.

#### DUNFORD HOUSE.

Dunford House, the residence of Richard Cobden, was given in the spring of 1920 to the London School of Economics, by his daughter, Mrs. Cobden Unwin, to be used as a country house for rest, study and research. It is also available for educational and other conferences.

It is beautifully situated on rising ground about 1½ miles south of Midhurst, 60 miles from London. The estate comprises 150 acres of farm land, woodland and meadowland, and is bounded on the north by the Coster's brook, a small trout stream with occasional pools large enough for bathing. The house has been adapted by the School to accommodate at least 35 visitors, in rooms for one, two or more. The meadowland will lend itself to the development of a short golf course, hockey or football pitches, and additional tennis courts.

In memory of Richard Cobden the room used by him as his library will be furnished with the table which he himself used in it, and his bookcase with a number of his books. A current library of economic and other literature has already begun to accumulate, and will continue to be increased.

Students wishing to arrange for reading parties during the holidays, under the guidance of a member of the teaching staff, should consult the Secretary of the School, who will assist them to obtain the tuition which they require, at the proper rates of payment.

The tariff will be announced on the notice boards of the School and in the *Clare Market Review*, from time to time by the Dunford House Committee, to whose Secretary (Miss Jones, Room 65, London School of Economics) all applications for accommodation must be made. Rooms will be allotted at the discretion of the Committee, which will also consider applications from the students or staff of other Colleges and Universities.

#### THE STUDENTS' UNION.

The Students' Union has been reorganised as from the beginning of the Session 1920-21, and this reorganisation has been approved by the Council of Management of the School. Under its new constitution the Union will include all Students of the School. In addition to organising debates, meetings, and general social activities, it will provide a lending library, athletic sports (on a new ground of nine acres obtained near Alperton), and a regular journal (*The Clare Market Review*), and will manage the common Rooms placed at its disposal by the School authorities.

All regular students of the School (*i.e.*, those paying a composition fee) will become automatically full members of the Union. Others will become limited members only, but will be able to obtain full privileges by additional voluntary subscriptions. The fees charged by the School will include the Union subscription, and the total of these subscriptions will be paid over by the School authorities to the Union. This subscription is now 7½ per cent. of each fee paid, or deemed to be paid.

Details as to the Union activities, as well as its full constitution, are given below.

The Officers of the Students' Union for the Session 1920-21 are as follows:—

##### Hon. President :

Prof. F. R. SODDY, F.R.S. (Oxford).

##### Executive Officers :

President ... ..	Mr. A. T. DAVIS.
Vice-President ... ..	Mr. L. W. JAMES.
Senior Treasurer ... ..	Mr. E. T. RHYMER.
Junior Treasurer ... ..	Mr. H. W. FRIGHT.
Secretaries ... ..	Miss M. LEWIS, Mr. G. GRANT MCKENZIE.

##### Executive Committee :

###### THE EXECUTIVE OFFICERS and

Miss H. BUCKMASTER.	Mr. I. GRAUL.
Miss S. BUSHELL.	Mr. W. E. GREEN.
Miss N. ELLIOTT.	Mr. W. A. ROBSON.
Miss M. MAYNE.	Mr. A. C. SEITZ.
Miss E. RICHARDSON.	Mr. W. T. SNELLING.
Mr. A. R. BURNS.	Mr. C. L. TEBBUTT.

##### Union Rooms and Library Committee :

Executive Committee Representatives	Miss M. MAYNE, Mr. I. GRAUL, Mr. A. C. SEITZ.
Library ... ..	THE LIBRARIAN (OR REPRESENTATIVE)
Teaching Staff Representative...	Mr. GREGORY.
Other Members ... ..	Miss HOLDSWORTH, Miss M. VALENTINE, Mr. GIBBONS.

(One Evening Student to be co-opted).

The following are the Secretaries of the remaining Committees:—

<i>Clare Market Review</i> ...	Editor: (not yet elected)
<i>Central Athletic Committee</i>	Secretary: Mr. W. V. SCOTT.
<i>Entertainments Committee</i>	Secretary: Mr. KASTELL.
<i>Parliamentary Committee</i> ..	One Union Secretary.
<i>International Society</i> ...	Secretary: Miss E. WINTER.
<i>Literary Society</i> ...	Secretary: Miss G. MCKEICHAN.
<i>Publicity Committee</i> ...	Secretary: Mr. G. GRANT MCKENZIE.

Three members to be appointed by the Union will serve on the Refectory Advisory Committee. Miss RICHARDSON, Miss SCOTT and Mr. DAVIES represent the Union on the Dunford House Committee.

**UNION MEMBERSHIP TICKETS.**—Students will receive the appropriate ticket showing full or limited membership of the Union from the book-keeper on payment of their fees.

Members of the Teaching and Administrative Staffs, and past students must apply for Union membership to the Junior Treasurer.

**UNION MEETINGS.**—Union meetings are held in the Hall at 8 15 p.m. on Wednesdays during the term. Coffee is served in the Hall at 7.45 p.m.

All students are invited to Union meetings, and can take part in debates and discussion. Particular attention is drawn to Parliamentary Meetings.

Programmes of Union events are issued for each term.

**CLARE MARKET REVIEW.**—The magazine is published twice during each term.

In addition to articles of interest and reports of Union activities, Official School Notices appear in the magazine.

It can be obtained by members entitled to it on presentation of Union Membership Cards to the Head Porter at the Lodge. Copies of the magazine can also be obtained there on payment. Contributions on all subjects are requested, and should be placed in the C.M.R. box at the Library entrance.

**UNION LIBRARY.**—Library regulations can be seen in the Library. Books can be obtained on loan, by those entitled to them, on presentation of Union Membership Cards at the desk in the Library.

**ATHLETICS.**—Athletics are controlled by the Central Athletic Committee, on which are represented all Athletic Clubs and the Union Executive Committee. The Club Secretaries are:—

Association:	Mr. H. M. WILSON, Secretary.
Men's Hockey:	Mr. L. W. JAMES, Secretary.
Women's Hockey:	Miss E. M. SCOTT, Secretary.
Rugby:	Mr. W. E. THOMAS, Secretary.
Sports (running, &c.):	Mr. E. B. HAKEMAN, Secretary.
Swimming:	Mr. C. H. PARFETT, Secretary.

Other clubs in season.

**PLAYING FIELDS.**—Nine acres at Alperton (five minutes from District Railway Station). *Routes:* Temple to Alperton, changing at Ealing Common; Holborn to Alperton, changing at Hammersmith and Ealing Common. During Session 1920-21 the Union hopes to raise funds to purchase the ground and to build a larger pavilion.

**NON-UNION SOCIETIES.**—Information with respect to the following Non-Union Societies can be obtained from the respective Secretaries:—

Christian Union:	Miss MILLER and Mr. ATKINSON, Secretaries.
League of Nations Union.	
Railway Students' Association.	
Service Society:	Mr. HARRIS, Secretary.
Socialist Society:	Mr. CHAMBERLAIN, Secretary.
World's Adult Educational Association.	

**CORRESPONDENCE**—Communications to the Union Secretaries, to the Union Rooms and Library Committee, and to the Clare Market Review should be placed in the respective letter-boxes at the Library entrance.

## 1.—CONSTITUTION OF THE STUDENTS' UNION.

### Section I.—OBJECT.

The object of the Students' Union is the promotion of the social life of the Students, in particular:—

- (1) To act as a Students' Representative Council on the occasion of negotiations with the School Authorities and on other appropriate occasions.
- (2) The provision and maintenance of Union Rooms.
- (3) The reading of Papers and the holding of Debates on political, economic and other subjects.
- (4) The provision and maintenance of a Library for the use of members.
- (5) The publication of a Students' Magazine.
- (6) The provision and maintenance of Athletic Clubs.

### Section II.—MEMBERSHIP.

The Union shall consist of an Honorary President, Honorary Vice-Presidents, Honorary Members and Members. Members may be Full, Limited, or Life Members.

- (1) THE HONORARY PRESIDENT shall be chosen by the Executive Committee. He shall hold office for one year and shall be eligible for re-election.
- (2) THE HONORARY VICE-PRESIDENTS shall be chosen by the Executive Committee. They shall hold office for a period of five years and shall be eligible for re-election.
- (3) THE HONORARY MEMBERS shall be chosen by the Executive Committee. They shall be Honorary Members for one year and shall be eligible for re-election.
- (4) THE FULL MEMBERS shall be:—
  - (a) All students of the School who have paid a session composition fee of not less than £12 12s. or individual fees of equivalent amount and in respect of whom a percentage of School fees has been received by the Union as their Union subscription.
  - (b) Such Limited Members under (5) of this section who have become full members as provided in the Note to this section.
- (5) THE LIMITED MEMBERS shall be:—
  - (a) Those entitled to the privileges of (1), (2), and (3) of Section I. Such are all students, other than those included in (4 (a)) of this section, in respect of whom a percentage of School fees has been received by the Union as their Union subscription.
  - (b) Those entitled to the privileges of (2), (3), (4) and (5) of Section I. Such are:—
    - (i.) Members of the Administrative and Teaching staffs of the School.
    - (ii.) Past students who have been members of the Union for not less than one Session.

In such cases application for membership shall be made in writing to the Junior Treasurer, and the subscription for the current session (15s.) or for the current Term (7s. 6d.) shall accompany each application.



- (6) LIFE MEMBERS shall be entitled to the privileges of (2), (3), and (4) of Section I., and in addition, if students, to (1) of Section I. They may also become entitled to the privileges of (5) and (6) of Section I. as provided in the Note to this section.

Any person who has been a member of the Union for not less than three sessions may become a Life Member on payment of a single subscription of £5 5s. Application for life membership shall be made in writing to the Junior Treasurer, and shall be accompanied by the subscription for life membership.

NOTE.—Limited Members and Life Members may become entitled to the privileges of (4), (5), or (6) of Section I., as required, on payment of a further subscription or subscriptions. The amount of such subscription or subscriptions shall be fixed from time to time by the Union Executive Committee.

In the case of Limited Members, the total amount of the subscriptions received by the Union in respect of any member shall not exceed the sum of 35s. per session.

### Section III.—POWER TO LEVY.

The Executive Committee may, at its discretion, levy a further subscription or subscriptions on members of the Union for any objects of the Union.

### Section IV.—VOTING RIGHTS.

All members are eligible to vote on general Union business except in the case of Union Executive Committee elections, when only those who were members of the Union during the term previous to that in which the election is held shall be entitled to vote.

### Section V.—MANAGEMENT BY AN EXECUTIVE COMMITTEE.

- (1) The affairs of the Union shall be managed by an Executive Committee which may delegate powers to sub-committees, but at least one member of the Executive Committee shall sit on each sub-committee. Such sub-committees shall be governed by standing orders.
- (2) THE EXECUTIVE COMMITTEE.
- (a) The Executive Committee, except the Senior Treasurer (*see* (3) (c) of this Section) shall be elected annually at the Annual Meeting.
- (b) The Executive Committee shall consist of :—
- (i.) The Executive Officers of the Union.
- (ii.) Members elected under (4) of this Section.
- (iii.) Members co-opted under (5) of this Section.
- (c) Except by express resolution of the Union, no member of the Executive Committee, except the Senior Treasurer, shall be a member of that Committee for more than four consecutive years.
- (d) The Executive Officers, except the Senior Treasurer, and at least six other members of the Executive Committee, shall be students of the School during the session in which the elections are held.
- (e) At least six members of the Executive Committee shall be men and at least six shall be women.

### (3) THE EXECUTIVE OFFICERS.

- (a) The Executive Officers shall be a President, a Vice-President, a Senior Treasurer, a Junior Treasurer, and two Secretaries; of whom one shall be a man and the other a woman.
- (b) The President and the Vice-President shall hold office for one year and shall not be eligible for re-election to their respective offices except by express resolution of the Union.
- (c) The Senior Treasurer shall be chosen by the Executive Committee. He shall hold office for one year, but shall be eligible for re-election.

### (4) THE ELECTED MEMBERS of the Executive Committee shall be twelve in number.

### (5) THE CO-OPTED MEMBERS.

- (a) The Executive Committee may co-opt not more than two members, but this co-option must be approved by not less than eleven elected members of the Executive Committee.
- (b) Formal notice of co-option shall be given at the next Ordinary meeting of the Union.

### (6) CASUAL VACANCIES.

- (a) Any casual vacancy on the elected Executive Committee shall be filled within four School weeks of its occurrence by election at an Ordinary meeting of the Union.
- (b) Notice of the vacancy shall be posted at least fourteen days before the election. The names of candidates, and of their proposers and seconders, shall be received by the Secretaries not less than seven days before the election, and shall be posted at least three clear days before the election.
- (c) The procedure at the election shall be the same as that at elections at the Annual Meeting.

### (7) MEETINGS OF THE EXECUTIVE COMMITTEE.

- (a) The Executive Committee shall meet not less than three times in each term.
- (b) The meetings shall be summoned by the Secretaries or by the President, or in the absence of the President, by the Vice-President.
- (c) Any three members of the Executive Committee, other than the Secretaries, may require an Executive Committee meeting to be held within seven days.
- (d) Not less than fifty per cent. of the members shall constitute a quorum at an Executive Committee meeting.

### (8) ATTENDANCE OF MEMBERS OF THE EXECUTIVE COMMITTEE.

If a member of the Executive Committee is absent from four meetings of the Union in any one term, or from two Executive Committee meetings in any one term for reasons not approved by the Executive Committee, his seat on the Executive Committee and any office he may hold shall become vacant.

### Section VI.—SUSPENSION AND EXPULSION.

Any member of the Union may be suspended or expelled at the discretion of the Executive Committee, but such member shall have the right of appeal to a committee consisting of five members of the Union, who, not being members of the Executive Committee, shall be specially elected at a meeting of the Union.

## Section VII.—MEETINGS OF THE UNION.

- (1) THE MEETINGS OF THE UNION shall be :—  
 An Annual Meeting.  
 A Business Meeting.  
 Special Meetings.  
 Ordinary Meetings.  
 Parliamentary Meetings.
- (2) THE ANNUAL MEETING.
- (a) The Union Year shall be from Annual Meeting to Annual Meeting.
- (b) The Annual Meeting shall be held in the third week of the Summer Term, and notice shall be posted fourteen days before the meeting.
- (c) The business at the meeting shall be :—  
 (i.) The minutes of the last Annual Meeting and of the intervening Business Meeting.  
 (ii.) The presentation of the Annual Report and Annual Financial Statement.  
 (iii.) The election of the Executive Committee for the next year.  
 (iv.) Other business.
- (d) The names of candidates for the Executive Committee, and of their proposers and seconders, must be received in writing by the Secretaries not less than seven days before the meeting, and the names of the candidates, with their proposers and seconders, shall be posted by the Secretaries not less than three clear days (excluding Saturday and Sunday) before the meeting.
- (e) When there are more than two candidates for a seat on the Executive Committee, and the first ballot does not give to any one candidate a clear majority of the members voting, there shall be a second ballot as between the two candidates who stand first and second in the preceding ballot.
- (f) Notices of motions to be brought forward by the Executive Committee shall be posted at least seven days before the meeting.
- (g) Notices of motions to be brought forward by private members must be received in writing by the Secretaries not less than three clear days (excluding Saturday and Sunday) before the meeting; and the Secretaries will, immediately on receipt, post such notices, together with the names of their proposers and seconders.
- (h) No business coming under (2) (c) (iv.) of this section shall be taken unless the provisions of 2 (f) and 2 (g) of this section have been complied with, or unless with the consent of a majority of the members present.
- (i) No contentious business shall be taken at the Annual Meeting unless sixty members are present.
- (3) THE BUSINESS MEETING.
- (a) The Business Meeting shall be held in the third week of the Michaelmas Term.
- (b) The business shall be :—  
 (i.) The presentation of an Interim Report and Interim Financial Statement.  
 (ii.) Other business.
- (c) The procedure with regard to the business at the meeting shall be the same as 2 (f) 2 (g) 2 (h) and 2 (i) of this section.

## (4) SPECIAL MEETINGS.

- (a) The Executive Committee may direct the holding of a Special Meeting for any definite purpose.
- (b) Any thirty members of the Union may require the Secretaries to summon a Special Meeting for any definite purpose. Notice in writing, stating the business to be brought forward, shall be given to the Secretaries, who shall summon the meeting within twenty-eight days of receipt of such notice.
- (c) At least fourteen days' notice of the meeting, and of the purpose for which it is to be held, shall be posted by the Secretaries.
- (d) No business shall be transacted at a Special Meeting unless at least sixty members are present.

## ORDINARY MEETINGS.

- (a) Ordinary meetings shall be arranged by the Executive Committee.
- (b) Notice of the meetings in each term shall be posted at the beginning of the term.
- (c) Separate notice of each meeting shall be posted not less than six days before the meeting.
- (d) The business at the Ordinary Meeting shall be :—  
 (i.) Minutes of the last Ordinary Meeting or of any intervening meetings other than the Annual Meeting or the Business Meeting; but this shall not include Parliamentary business.  
 (ii.) Questions arising out of the Minutes.  
 (iii.) Questions to the Executive Officer with regard to the conduct of the affairs of the Union.  
 (iv.) Private Business motions.  
 (v.) Public Business.
- (e) Except as provided in (f) below a Private Business motion shall not be brought forward or discussed unless at least ten days' notice of such motion has been received in writing by the Secretaries. The Secretaries shall post notice of such motion at least six days before the meeting at which the motion is to be discussed.
- (f) Any member may demand urgency for a motion, in which case a vote on the question of urgency shall be taken without discussion. If urgency be granted, which shall be by simple majority, the motion may be brought forward.
- (g) The President may, at his discretion, adjourn the discussion of Private Business at any time after fifteen minutes from the beginning of the meeting until the conclusion of Public Business, but in that case Public Business shall stand adjourned not later than 10.15 p.m., and no opposed Private Business shall be taken after 10.30 p.m.
- (h) The speeches of the openers of a debate shall be limited to twenty minutes, and of subsequent speakers to ten minutes. The opener and opposer shall have the right to reply, but their replies shall be limited to ten minutes each.
- The President may further alter the duration of the speeches at his discretion.

- (i) A member may introduce not more than two visitors at any Ordinary or Parliamentary Meetings. Visitors may speak in debate or discussion but may not speak on Private Business and may not vote.
  - (j) The Honorary President's address shall be given at an Ordinary Meeting, but no Private Business shall be taken at that meeting.
- (6) PARLIAMENTARY MEETINGS.  
Parliamentary Meetings shall be governed by Parliamentary Standing Orders.

## Section VIII.—FINANCE.

- (1) The Financial Year of the Union shall end with the last day of the Lent Term.
- (2) The Junior Treasurer shall have power to operate on the Bank Account of the Union, subject to the limitations of (3) and (4) of this Section.
- (3) All Cheques shall be signed by the Junior Treasurer, and by the President or failing him the Vice-President.
- (4) No payment shall be made from the funds of the Union unless a specific resolution of the Executive Committee has been passed permitting it, except
  - (a) Payment from Petty Cash Accounts authorised by the Executive Committee.
  - (b) Payments from funds voted by the Executive Committee for actual disbursement by a sub-committee, for purposes specified by the Executive Committee.
- (5) Persons authorised by the Executive Committee to make Petty Cash payments shall keep Petty Cash Accounts, which shall be submitted by them to each meeting of the committee or sub-committee to which such accounts belong. If in order, such accounts shall be signed by the Chairman of the Committee or sub-committee. No single payment from a Petty Cash Account shall exceed £1.
- (6) All money received by persons authorised by the Executive Committee to receive money on behalf of the Union, other than funds granted to them by the Executive Committee, shall be handed over to the Junior Treasurer within three clear days of receipt, unless express permission to retain such moneys for a longer period has been granted by the Executive Committee.
- (7) (a) Two Auditors shall be appointed, one by the Executive Committee, and the other by the School Authorities, but each party shall be only responsible for payments to its own auditor.
  - (b) The Auditors shall not be members of any committee or sub-committee of the Union.
  - (c) The auditors shall once a term audit the General Accounts of the Union, and also the accounts of all sub-committees, and shall certify the balance on each account.
  - (d) All Auditors' Reports shall be submitted both to the Executive Committee, and to the School Authorities.

## Section IX.—DEFINITIONS.

- (1) "Posted" shall mean posted on the Union notice-board at the School.
- (2) (a) "Days" shall be days within the School term, and shall include Saturday, and Sunday, and holidays within the term, except where otherwise stated.
  - (b) "Clear days" shall be reckoned as periods of twenty-four hours.

## Section X.—ALTERATIONS IN CONSTITUTION.

No alteration shall be made in this constitution except at the Annual Meeting or at the Business Meeting, or at a Special Meeting, and with the consent of two-thirds of those voting at such meetings.

## 2.—STANDING ORDERS.—SUB-COMMITTEES.

## GENERAL.

## Section I.—SUB-COMMITTEES.

- (1) The Sub-Committees of the Students' Union shall be:—
  - (a) EXECUTIVE COMMITTEE SUB-COMMITTEES, which shall be constituted by and which shall include only members of the Executive Committee.
  - (b) STANDING SUB-COMMITTEES, each of which shall include at least one member of the Executive Committee.
  - (c) OTHER SUB-COMMITTEES, as may be constituted by, and be responsible to, Standing Sub-Committees, as provided for in the particular Standing Orders for such Sub-Committees.
- (2) The President and the Junior Treasurer shall be ex-officio members, without power to vote, of all Union Sub-Committees.

## Section II.—STANDING SUB-COMMITTEES.

- (1) MANAGEMENT.
  - (a) Each Standing Sub-Committee shall have a Secretary.
  - (b) The Secretary shall keep minutes of all meetings of the Standing Sub-Committee. Such minutes shall be submitted to the Executive Committee when required by them.
  - (c) Meetings of the Standing Sub-Committee shall be summoned by its Secretary, but any three of its members may require, by written notice to the Secretary, that a meeting be held within seven days of receipt of such notice.
  - (d) Not less than fifty per cent. of the members shall constitute a quorum at a Standing Sub-Committee meeting.

## FINANCE.

- (a) Each Standing Sub-Committee shall submit to the Executive Committee a budget of estimated expenditure for the Union year for which it holds office. Such budgets shall be submitted as soon as possible after the Annual Meeting, but at least fourteen days before the Business Meeting. The Executive Committee may, at its discretion, require revised periodic budgets.
- (b) Such sums as are approved by the Executive Committee shall be credited to Standing Sub-Committees, but these credits shall only be drawn upon for the purposes for which they were voted by the Executive Committee. Payments shall only be made from Union funds to Secretaries of Standing Sub-Committees and to other persons authorised by the Executive Committee to receive such payments.

- (c) The accounts of Standing Sub-Committees shall be kept by the Junior Treasurer, but Standing Sub-Committees shall have access to their accounts. Receipts shall be obtained for all payments made by Standing Sub-Committees, and such receipts shall be handed over to the Junior Treasurer as soon as possible.
- (d) Any balance remaining to the credit or debit of a Standing Sub-Committee at the end of a period shall be carried forward into its accounts for the following period.
- (e) Each Standing Sub-Committee shall keep a statement, signed by its Secretary, of all stock taken over by it at the beginning of the period for which it holds office, and of all stock purchased by it during its period of office: and it shall account for any discrepancy between the stock in that statement and the stock in hand.
- (f) All moneys received by persons authorised by the Executive Committee to receive moneys on behalf of the Union, other than funds granted to them by the Executive Committee, shall be handed over to the Junior Treasurer within three clear days of receipt, unless express permission to retain such moneys for a longer period has been granted by the Executive Committee.

## 2.—STANDING ORDERS.—SUB-COMMITTEES.

### PARTICULAR.

Section I.—UNION ROOMS. (To be drawn up.)

Section II.—UNION LIBRARY. (To be drawn up.)

Section III.—THE MAGAZINE.

- (1) The Magazine shall be called the "Clare Market Review, and shall normally be published not less than twice per term.
- (2) The Staff of the Magazine shall consist of an Editor, one or more Sub-Editors, a Business Manager and such other members as may be necessary for the conduct of the Magazine.
- (3) The Editor shall be appointed by the Executive Committee as soon as possible after the Annual Meeting, and shall be responsible for issues of the Magazine from the beginning of the following School term. The Sub-Editors and the Business Manager shall be appointed by the Executive Committee after consultation with the Editor.
- (4) The financial director of the Magazine shall be under the control of the Business Manager.

Section IV.—CENTRAL ATHLETIC COMMITTEE.

- (1) The Central Athletic Committee shall advise the Executive Committee on all matters relating to athletics, in particular
  - The arranging of athletic fixtures.
  - The organisation of Union playing fields.
  - The award of colours.
- (2) The Central Athletic Committee shall consist of
  - (a) Two members of the Executive Committee, appointed by the Executive Committee.
  - (b) One representative appointed by each of the Athletic Clubs concerned.

- (c) A Secretary appointed by the Central Athletic Committee.
- (d) Not more than two co-opted members, notice of whose co-option shall be given to the Executive Committee.

The Central Athletic Committee shall appoint one of its members as Chairman, but the Chairman shall not be the representative of an Athletic Club.

- (3) The Central Athletic Committee shall have power to appoint further Sub-Committees for specific purposes.
- (4) AWARD OF COLOURS. (To be drawn up.)

NOTE.

- (1) The School Colours shall be Purple, Black and Gold.
- (2) The School Coat of Arms. (To be drawn up.)
- (3) Blazers, &c. (To be drawn up.)

### Section V.—PARLIAMENTARY COMMITTEE.

- (1) Parliament shall be managed by a Parliamentary Committee consisting of the Speaker, the Clerk of the House, one of the Union Secretaries, and two other members. The Parliamentary Committee shall be appointed by the Executive Committee.
- (2) Procedure shall be regulated as resolved upon by Parliament from time to time, but such procedure shall approximate as far as possible to that of the House of Commons.
- (3) Union Private Business may be taken at the beginning of a Parliamentary Meeting for not more than ten minutes.

### Section VI.—ENTERTAINMENTS COMMITTEE.

- (1) The Entertainments Committee shall advise the Executive Committee on all matters relating to entertainments, in particular
  - Dancing.
  - Dinners.
  - Choral Society.
  - Dramatic Entertainments.
- (2) The Entertainments Committee shall consist of
  - (a) Three members of the Executive Committee appointed by the Executive Committee.
  - (b) Four members appointed by the Executive Committee.
- (3) The Entertainments Committee shall have power to appoint further Sub-Committees for specific purposes.

### Section VII.—INTERNATIONAL SOCIETY.

- (1) It shall be the object of the International Society to promote the social welfare of foreign students, discussion and understanding of international problems.
- (2) The Committee of the International Society shall consist of:—
  - (a) One member of the Executive Committee appointed by the Executive Committee.
  - (b) Other members appointed by the International Society.
- (3) The International Society shall have power to appoint further Sub-Committees for specific purposes.

**Section VIII.—LITERARY SOCIETY.**

- (1) It shall be the object of the Literary Society to promote the study of Literature.
- (2) The Committee of the Literary Society shall consist of:—
  - (a) One member of the Executive Committee appointed by the Executive Committee.
  - (b) Other members appointed by the Literary Society.
- (3) The Literary Society shall have power to appoint further Sub-Committees for specific purposes.

**Section IX.—PUBLICITY COMMITTEE.**

- (1) It shall be the object of the Publicity Committee to keep records of all the activities of the Union, and obtain publicity for Union activities.
- (2) The Publicity Committee shall consist of
  - (a) Three members of the Executive Committee appointed by the Executive Committee.
  - (b) Two members appointed by the Executive Committee.
- (3) The Publicity Committee shall have power to appoint further Sub-Committees for specific purposes.

**Section X.—REFECTORY COMMITTEE.**

- (1) The Refectory Committee shall advise the School Authorities on behalf of the Executive Committee on all matters relating to the Refectory.
- (2) The Refectory Committee shall consist of three members elected at a meeting of the Union

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